



ICSOC

International
Conference on
Service Oriented
Computing

- ServiceWave 2009

Joint ICSSOC-ServiceWave 2009
23rd-27th November 2009
Stockholm, Sweden

A world-leading forum
A unique opportunity

for academic researchers and industry practitioners
to report on groundbreaking research
to present industrial trends
on service oriented computing

Join us to build the Future Internet of Services!

www.servicewave.eu
www.icsoc.org

PLATINIUM SPONSORS



ERICSSON

SIEMENS

THALES



GOLD SPONSOR

orange™

SILVER SPONSORS



ORGANIZED BY

European National Technology Platforms

European Networks of Excellence and Projects

In cooperation with

Hosted by



FOREWORD

The development of computing and resource sharing as we have known them until recently is about to radically change course as its center of gravity is shifting with technologies, service architectures allowing for applications to migrate to the cloud. This shift from Web 2.0 to Web 3.0 will give rise to an Internet of services of unprecedented scope and scale. We are now entering a new phase of ICT driven innovation and growth based on the Internet of Services which more and more will be accessible through what could be called the Mobile and Wireless Web. Already today applications of wireless technology are a major driver of economic value in the EU economy. These are estimated at 250 bn€ or 2-3% of GDP and rising. In the coming three years it is expected that close to 7 billion users or the entire planet's population will have use of a mobile handset. This is an unprecedented technological development exceeding the diffusion rates of technologies such as television or even pen and paper not only in terms of penetration and use but in its speed of take-up. We should expect an explosion of new applications with the potential to radically change the way in which we live and work. Examples are easy to cite: industrial and commercial applications in the supply chain, nomadic services for mobile workers, remote environmental monitoring or disaster and security systems that save lives by putting essential information into the hands of first responders, health and education services.

In such a remodelled world, new alliances will be created, new stakeholders will emerge, new modes of interaction will filter through into business practices, and new business models will proliferate. The Internet itself will no longer be a network of networks simply connecting computers and servers to become an Internet that connects "things" together: communicating devices by the billions, cars, machines of all sorts, household appliances, energy meters, windows, lights, etc. Around this new Internet will be borne a new economy of WEB based services and applications.

There are two great implications of this new "Internet of Services and Internet of Things":

First, this new world wide web of "things that think" will create a sensory network that will allow a leap forward in the human knowledge about the world we live in. It will lend itself to all sorts of new applications such as energy efficiency, health and welfare services, efficient transport and so on. If we do this well there will be a massive improvement in our quality of life and sustainability, not just because of the services, not just because of the competitive advantage of being an earlier mover, but because European values of openness and democracy will define the form that the Internet of Things takes.

Second we must liberate the economic potential of the single market that is still locked up in fragmented national markets. In particular we must now strengthen the real economy by stimulating solid and sustainable business growth in high value goods and services that respond to real market needs. From the current period of uncertainty and as inevitable structural changes emerge it is essential to look for the growth opportunities in tomorrow's world. The industrial and research community gathered around the NESSI technological platform, has certainly the talent and the capability to shape the future. All it takes is the ambi-



Dr. Joao Schwarz da Silva

tion to overcome fragmented markets and the will to build on our strengths by creating open single markets for innovative goods and services and by going for innovation and change. Remember that at 32% of global ICT demand, Europe is also the world's largest ICT market.

In creating the conditions that will allow Europe to benefit from the emerging economic opportunities, we must make sure that the Future Internet remains open. The key economic characteristic of the current internet has been that it has created an unprecedentedly open platform for innovation and development of new services. We must keep this characteristic of openness by ensuring that open standards and eventually open-source software are the core of our actions. While the financial health of many companies world-wide is still based on proprietary models and gatekeeper business models, the world ahead of us

will call for models whose economic basis offers a greater degree of liberty to the consumer or the enterprise.

As the Future Internet unfolds before us, the need will arise to move towards smarter and greener infrastructures. This is a big challenge, but also a great opportunity, because it will amplify the reach of the Internet and ETPs to novel usages and industrial sectors. As the NESSI community is well aware, some four years ago a very significant effort was initiated by the European Commission in the domain of the Future Internet, to leverage the scientific excellence and the industrial know-how of the European stakeholders.

Time has now come to go one step beyond what we have achieved so far. The intention is to closely couple our Future Internet technology research and development with applications of high societal value such as health, urban mobility, energy grids or smart cities. In doing so, we intend to provide an early "Internet response" to the many societal challenges with which we are confronted today. To deliver on this ambitious goal we propose to set in motion, by end of 2010, a Public Private Partnership on Future Internet, as a complement to our longer term research and development activities within the FP7 ICT Work Programme. This process has been formally announced on the 28th of October 2009 through a Communication of the Commission¹ and our intention is to dedicate 300 M€ to this PPP over the last 3 years of the current Framework programme. NESSI and the research community of Service Wave would be well advised to carefully consider how best to contribute to the activities of this new European initiative. It is up to you to shape the future, do not wait for others to do it on your behalf.

By the time you will read these lines, I will no longer be an official of the European Commission. I remain however a firm believer in a Europe, where you, members of its industrial and scientific community, will always be able to raise to the challenge of the future.

Dr. Joao Schwarz da Silva
Ex-Director Converged Networks and Services, DG-INFO, European Commission

1. <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/1596&format=HTML&aged=0&language=EN&guiLanguage=en>
http://ec.europa.eu/information_society/activities/foi/library/fi-communication_en.pdf

We would like to welcome you to the ICSOC-ServiceWave 2009 conference by reflecting on the following question: what does it mean when two service oriented conferences, ICSOC, in its seventh edition, and ServiceWave, in its second edition, join forces?

To us, it represents the growing need for all stakeholders in this field to work closer together, in a context where services are increasingly becoming THE access channel to information. Today, the Future Internet is being elaborated, building on unprecedented levels of convergence between things, networks and data, faced with prospects of trillions of “intelligent” devices getting online. But beyond the need to ensure that the infrastructure can cope with the augmented capacity needs, there is another major issue: how will we provide users, whether citizens, businesses or public administrations with the appropriate means to access information, to interact with objects and to communicate across the world? How will we achieve the balance between wide access and security, between openness and privacy?

Through services, which need to be easy to detect, straightforward to use, secure in protecting content owners legitimate intellectual property rights while also providing users with the appropriate level of access, safe in ensuring that users’ privacy is not endangered by online activities etc.

The academic and industrial worlds hold a great responsibility in working together to ensure that the on-going Future Internet revolution benefits from the latest advances in services. Services will unleash the power of the Future Internet, services constitute the cornerstones of this revolution.

ICSOC-ServiceWave 2009 continues the tradition of its predecessors to foster the creation of cross-community excellence by gathering industrial and academic experts from various disciplines, such as business process management, distributed systems, computer networks, wireless & mobile communication networks, grid computing, networking, service science and software engineering.

Preparing this conference was ambitious – uniting academia and industry to this level of collaboration is both exciting and challenging. The programme we have assembled represents our initial aim, the intermingled visions and results from all over the world, from different communities and from different points of view. The programme has been organized in different tracks: Future Internet, Research, Demonstration, Panels and Workshops.

We have tried to create an attractive mix of scientific



Fernando Fournon González-Barcia
Executive President
Telefónica I+D, Spain
ICSOC-ServiceWave co-chair

papers and user oriented demonstrations, we have incorporated plenary panels to debate hot topics such as the wave of cloud computing, the role of architectures and the convergence of services, content and things, and we have included presentations to present the evolution of the Future Internet Private-Public Partnership and the recent communication of the European Commission.

This conference would not have taken place without the generous support from our sponsors and we are very grateful for their contributions. We would also like to thank all the people behind this conference for their commitment to making this conference a success. In particular, the NESSI team, our local host KTH and finally the City of Stockholm for hosting the Conference Reception in the City Hall, famous for the Nobel prize award dinners.

Enjoy ICSOC-ServiceWave 2009!



Pr. Gunnar Landgren
Vice President
KTH, Sweden
ICSOC-ServiceWave co-chair



Pr. Mohand-Said Hacid
University of Lyon, France
ICSOC-ServiceWave co-chair

CONTENT

Organizers	5
Sponsors	10
Programme	
Schedule	13
Industrial Programme	18
Demonstrations	19
Scientific Track	23
Workshops	27
PhD Symposium	30
Collaborative Meeting	30
NESSI National Initiatives	31
NESSI General Assembly	31
Speakers and Panel chairs	32
Committees	35
Attendees	
By affiliation	37
By alphabetical order	40
Social Events	
Reception	42
Gala Dinner	42
Practical Information	43





Services remove barriers between disconnected worlds, allowing the adhoc and dynamic elaboration of novel applications. Services remove the need to interconnect large databases by encapsulating the information and allowing controlled access through specific functionalities. Services ease the management of privacy by managing the channels to information.

In the domain of health, services foster the exchange of personal data to accompany the increasing mobility of citizens across Europe. In transport, services open up the connectivity between logistics, supply chains and inter modality – paving the way to worldwide traceability without the need to negotiate full scale interoperability between IT providers and systems. In education, services open up the world of teaching to pupils across the globe – effectively desynchronising the action of teaching from that of learning. In public administrations, services contribute to the Single Europe for Citizens.

In 2005, the corporations launching NESSI – the Networked European Software and Services Initiative European Technology Platform - defined their common vision: why and how they intended to work together to enable services to become accessible everywhere, open to all, trusted by nature and reliable by design. The NESSI founders recognized the need and mutual interest to join forces to ensure that services would, in the future, rely on a platform that fostered fast deployment, worldwide delivery and ubiquitous availability.

Today, NESSI unites over 450 organisations from industry and academia. Over the last years, it has focused its efforts on elaborating NEXOF, the NESSI Open Service Framework, designed to enable the Future Internet of Services.

ICSOC-ServiceWave 2009 is a major opportunity to advance our vision of the Future Internet, in common with ETPs eMobility, NEM, EPoSS and ISI and with all the involved stakeholders.

Frédéric Gittler, HP Labs
NESSI Steering Committee Chairman



The inter-platform view of the Future Internet is that it will be built on the four pillars of the Internet of People, the Internet of Content, the Internet of Things and the Internet of Services.

All the pillars stand on the base of the “Network Infrastructure”. Developing the Future Internet requires that both the network, services and content perspectives are developed in parallel. In order to support the pillars, many innovations will be needed at the level of the network infrastructure and eMobility aims to drive the converged fixed and mobile network aspects of the Future Internet development as it’s contribution to the joint platforms efforts on Future Internet. In this context, ICSOC-ServiceWave makes a valuable contribution to the development of Future Internet by bringing together the European community of researchers to develop the Internet of Services perspective. eMobility looks forward to continued collaboration and achievement in this context in future years!

Dr. Fiona Williams,
Chair of the eMobility European Technology
Platform Steering Board
www.emobility.eu.org



The European Technology Platform where New Media Content and Networks meet.

The NEM Initiative aims at building sustainable European leadership in content production and networking technologies. Its objective is to promote a consistent European approach to the convergence of media and telecommunications towards a Future Media Internet that will enhance the lives of European citizens through a richer media experience. The NEM constituency includes all major European organizations working in the networked and electronic media area which share a common vision and have produced a Strategic Research Agenda (SRA). NEM represents the convergence of existing and new technologies, including broadband, mobile and new media across all ICT sectors, to create a new and exciting era of advanced personalized services. The NEM Initiative and its members are supporting the ICSOC-ServiceWave 2009 by making significant contributions to its major topic “The Future of the Internet of Services” as part of NEM’s main mission “Towards the Future Media Internet”.

Jean-Dominique Meunier
NEM Executive Director
www.nem-initiative.org

EUROPEAN NETWORKS OF EXCELLENCE AND PROJECTS



The Integral Satcom Initiative

ISI (Integral Satcom Initiative) is the European Technology Platform on Satellite Communications, whose membership embraces all relevant and interested private and public stakeholders from Satellite Communications and Space sector.

The ISI European Technology Platform brings together for the first time in a unified, industry-led body all research, technology and innovation aspects related to satellite communications, including mobile, broadband, and broadcasting applications.

ISI's purpose is to foster and develop the entire industrial sector, maximize the value of European research and technology development, and contribute to European Union (EU) and European Space Agency (ESA) policies.

Currently ISI is involved in the implementation of its SRA through various initiatives, such as mainly ISICOM (Integrated Space Infrastructure for global COMMunications) and the Future Internet inter-ETPs initiatives.

Vincenzo Fogliati

ISI Chairman

www.isi-initiative.org



EPoSS

European Technology Platform
on Smart Systems Integration

The key heading for the enhancement of product capabilities and services in microsystems and related advanced technologies in Europe is Smart Systems Integration that will open the way towards multi-dimensional, context-aware, and smart environments.

In this light a group of major industrial companies based in Europe set-up EPoSS, the European Technology Platform on Smart Systems Integration, which was launched in July 2006. The research priorities of EPoSS were defined while establishing the Strategic Research Agenda.

EPoSS is a major, transnational, pan-European, mission-oriented initiative aiming at strengthening Europe's capacity to organize and to deliver innovation in the area of smart systems technologies and integration. The EPoSS working group "Internet of Things (IoT)" focuses on the "the network formed by things/objects having identities, able to sense or actuate and operating in smart spaces using intelligent interfaces to connect and communicate with users, social and environmental contexts". EPoSS, in concert with other ETPs is striving to tackle the Future Internet challenge to establish Europe's lead in this highly competitive area.

Contact:

Dr. Sebastian Lange

www.smart-systems-integration.org

INES

Iniciativa Española de
Software y Servicios

INES - Iniciativa Española en Software – is the Spanish Technological Platform on Software and Services. It officially started in December 2005, and since then it has established itself as a vibrant R+D community.

Its success is visible through the number of members (over 200, currently, including around 30 universities and 50 research and innovation centers), its booming plenary meetings (around 180 attendees in its last edition in Málaga), and the projects, both Spanish and international, incubated in INES.

INES perceives ServiceWave 2009 as an event of the utmost importance, not only because of its international dimension, but also because it delivers a clear message conveying the relevance of the area of Software and Services in the current ICT landscape to the Spanish authorities, industry, and academia – and forwarding this message has always been one of the main goals of INES. Moreover, we are confident that the ServiceWave conferences series will have a lasting impact both in academia and industry, and will undoubtedly open the way to the establishment of Software & Services as one of the key technological ingredients of the future.

The strong links between INES and NESSI, together with the weight of academia in INES, only makes our perception in this regard even stronger.

Santiago Ristol Jorba

Atos Origin - INES President

www.ines.org.es

Manuel Carro

UPM - INES Vice-presidency for
Communication



With close to 100 partners coming from top industrial and academic research, SMEs and R&D centres across Europe, the BEInGRID project has identified clear business needs to be met by Grid technologies.

25 pilots covering industrial sectors such as finance, architecture, advanced manufacturing, agriculture and health, have focused on solving real problems using different Grid technology solutions for collaboration, performance and enabling new services.

Through the deployment of these pilots in the industry, the largest ICT integrated project financed by the European Commission is highlighting Europe's priority for ICT research development in order to transform research successes into business opportunities to bolster the European economy.

"I am very proud that BEInGRID has produced such outstanding results," said BEInGRID Project Coordinator, Santi Ristol from Atos Origin. "Our many innovative end users, around whom we have developed these solutions, illustrate that Grid is business-ready".

Further information on BEInGRID can be found at www.beingrid.eu.



CoreGRID is a European research network that is developing the foundations, software infrastructures and applications for largescale, distributed Grid and P2P technologies.

CoreGRID started its activities in September 2004, for a duration of four years, with an ambitious goal: to build a sustainable research laboratory gathering the best European experts, with a view to address the numerous research challenges posed by large scale computing infrastructures such as service oriented infrastructures, P2P systems and Grids.

After four years of existence, CoreGRID has indeed carved out a place for itself in the international Grid research arena. With 330 researchers from 46 European research institutions, it has become one of the largest research centres in Grid computing, encompassing a vast range of research topics such as knowledge and data management, programming models, middleware, resource management and scheduling, workflow, service infrastructures and peer-to-peer systems, just to cite a few. It has now reached its ideal objective: to become the European Grid beacon. CoreGRID is now entering the last phase: its sustainability since the EU-funding support ceased last August. The network has evolved into an ERCIM Working Group to let researchers continue to work together and address new research challenges under this new status, especially concentrating on issues related to service infrastructures. This is why CoreGRID participates actively to ICSOC-ServiceWave 2009.

www.coregrid.net



NESSI-2010 is a support action whose ambition is to sustain the momentum of the NESSI European Technology Platform dedicated to software and services, a community which, today, represents 450 members, a 1.7 Million strong workforce and 490 B€ annual revenues. It is funded through the FP7 European Research programme and focuses on five specific directions:

- Supporting NESSI Strategy formulation and implementation
- Supporting the SME Community effort
- Supporting the interlinking activities and the NESSI National Initiatives Network
- Supporting the continued awareness and participation building activity
- Supporting the NESSI Office

The communication activities including the publication of the quarterly NESSI newsletter, available both online and printed, and the organization of events including ServiceWave conference series, the NESSI General Assembly and the new NESSI Convention whose first edition will take place in April 2010 in Valencia, Spain.

www.nessi-europe.eu



The EIFFEL Support Action: Laying the foundation for Future Networked Society. The widespread adoption of Internet technology has had one of the most profound effects on the nature of society ever witnessed.

It has changed the way we do business, the way we obtain information, the ways in which we communicate, and many other facets of life. However effective it has been to date, the Internet was not designed for this purpose, and it is now time to consider how best to change it to support the Future Networked Society.

The EIFFEL Support Action is mobilising European and international researchers to discuss, debate, and provide guidance on the changes needed in the Internet, and the R&D that must be undertaken to realise this vision of a truly networked society.

To accomplish this, EIFFEL is running an international thinktank and pan-European discussion forum that aims to facilitate conflict-free, scientific discussion on the future of the Internet with input from experts and visionary researchers as well as those concerned with governance and with delivery.

In this context, EIFFEL supports the ICSOC-ServiceWave 2009 conference as a major milestone bringing together the different stakeholders involved in building the Future Internet – from ETPs to Networks of Excellence, from industry to academia, from public bodies to private users.

Petri Mähönen

On behalf of EIFFEL SSA

www.fp7-eiffel.eu



Recent and continuous advances in mobile communications and embedded solutions are transforming the environment, at home, at work and on the go. But how will these advances evolve into a continuum of services? How will service technologies benefit citizens? How will services shield users from the complexity of software, networks and computers? How will services contribute to the Future Internet?

This is what the NESSI Open Service Framework (NEXOF) is about – creating the operating environment for services and service applications.

The different NEXOF elements include

- ➔ the NEXOF Reference Architecture which describes the concepts and elements which together define and build NEXOF
- ➔ the NEXOF reference implementation, an open-source environment designed to validate future NEXOF implementations whether open-source or proprietary
- ➔ the NEXOF Roadmap describing the path from architecture to fully operational instances of the NESSI Open Service Framework as well as new and emerging research directions in the field.

To leverage from the large amount of research and researchers NEXOF is built through an Open Architecture Specification process, a contribution mechanism open to all and designed to preserve the integration, coherence and consistence of the outcome.

The process is organised through open calls that address specific building blocks of NEXOF. Today, 11 research projects contribute to NEXOF, and, through the calls, contributions from all over the world have enriched the elaboration of NEXOF.

While NEXOF has a clear technological value, it is also a major convergence and collaboration initiative. NEXOF is a platform whose *raison d'être* is to be built based on consensus for its most structural elements, while allowing the integration of “best-of-breed” in multiple compatible approaches and implementations.

ICSOC-ServiceWave 2009 constitutes a major opportunity to enrich the NEXOF process and enlarge the contribution base.

Stefano De Panfilis, R&D Labs Director,
Engineering Ingegneria Informatica
NESSI Technical Director



S-Cube, the Software Services and Systems Network, will establish an integrated, multidisciplinary, vibrant research community which will enable Europe to lead the software-services revolution, thereby helping to shape the software-service based Internet which is the backbone of our future interactive society.

An integration of research expertise and an intense collaboration of researchers in the field of software services and systems are needed to integrate different research communities, which currently concentrate mostly on its own specific techniques, mechanisms and methodologies and to master future challenges in the service domain. These future challenges include building service-based systems in such a way that they can selfadapt while guaranteeing the expected level of service quality. S-Cube is expected to contribute to re-aligning, re-shaping and integrating research agendas of key European players from diverse research areas. By synthesizing and integrating diversified knowledge, a long-lasting foundation for steering research and for achieving innovation at the highest level will be achieved.

As S-Cube aims to integrate ideas from different research areas, the ServiceWave conference series provides the platform with an opportunity to disseminate and discuss innovative and integrated research ideas in order to bridge the gap between the grid computing, software engineering, business process management and service-oriented computing research communities.

Klaus Pohl
S-Cube Coordinator
www.s-cube-network.eu

EUROPEAN NETWORKS OF EXCELLENCE AND PROJECTS



The European Institute in Services Science (ERISS) is hosted at Tilburg University (Netherlands). ERISS is a multi-disciplinary, internationally renowned research and development institute that is committed to pooling, coordinating and consolidating research activities in service science, management and engineering (SSME) across Europe.

ERISS undertakes research in service science, particularly in the area of globally integrated networks of services (or, simply, service networks). Together these service networks will form an "Internet of Services" and become the future backbone of our interactive society. The focus of research at ERISS is the real-world challenges facing service networks that demand the use of a wide range of multiple conceptual, methodological and substantive approaches. To achieve multidisciplinary excellence

in SSME, ERISS works closely with other research groups, such as world-class economists and a business research institute.

Members of ERISS have extensive experience of participation on international collaborations. Research work at ERISS is funded by several organisations, including the EU FP-7 programme, The Netherlands Organization for Scientific Research (NWO), the Australian Research Council (ARC) and other organizations throughout the world. ERISS is currently the scientific director of the EC's FP7 Network of Excellence in Software Services & Systems (S-Cube) and participates in other FP-7 projects.

Also, ERISS was the leader of an international consortium awarded a five-year Erasmus Mundus grant from the EC to coordinate the only worldwide International Masters in Service Engineering.

Prof. Mike Papazoglou

Eriss Scientific Director

www.tilburguniversity.nl/eriss/



The Scientific Academy for Service Technology e.V. (ServTech) is a non-profit association of leading experts from industry and academia in Europe and the United States devoted to support innovation and progress in Service-Oriented Computing (SOC).

The purpose of the association is the promotion of science, research, development, application and qualification in the area of software system integration and service-oriented software engineering. The society's activities include:

- application oriented scientific research,
- development, planning and staging of scientific events like conferences and workshops,
- on-demand vocational education and training in software service engineering, and consulting.

ServTech pursues exclusively and directly non-profit making aims including:

- promotion of science, research, development, application and qualification in the area of software system integration and service-oriented software engineering
- application oriented scientific research and development and the planning and staging of events and training courses in the field of service and component-based software engineering
- integration of heterogeneous business applications.

Results of ServTech's activities are to benefit the general good; In pursuit of its goals, the association collaborates with different universities, companies, authorities and the appropriate organizations.

www.servicetechnology.eu



KTH was founded in 1827 and accounts for one-third of Sweden's technical research and engineering education capacity at university level.

There are a total of just over 12,000 full-year equivalent undergraduate students, more than 1,400 active postgraduate students and 2,800 full time equivalent employees.

Education and research cover a broad spectrum – from natural sciences to all the branches of engineering as well as architecture, industrial engineering and management, urban planning, work science and environmental engineering. In addition to the research carried out by KTH's Schools, a large number of both national and local Competence Centres are located at KTH.

The School of Information and Communication Technology is located on the Kista campus, north of Stockholm. In Kista, KTH collaborates with Stockholm University, various research institutes and industry within the framework of the IT University – Sweden's largest resource in information technology.

www.kth.se

SPONSORS [PLATINUM]



A global company with local commitment

Ericsson has been on the telecommunications market for more than a hundred years and today supports networks that together serve more than one billion subscribers.

Ericsson provides communication networks, global telecom services and multimedia solutions.

We make it easier for people around the globe to communicate by helping operators to bring new services to their customers and evolving and improving the networks that make these services possible.

Ericsson is a world-leading provider of telecommunications equipment and related services to mobile and fixed network operators globally. Over 1,000 networks in more than 175 countries utilize our network equipment. Ericsson delivers a new radio base station every 90 seconds. We are one of the few companies worldwide that can offer end-to-end solutions for all major mobile communication standards.

The ST-Ericsson joint venture provides consumers with feature-rich personal mobile devices. ST-Ericsson is a top 3 global supplier and one of the few mobile-semiconductor and platform companies with the critical mass in sales, product range, IP portfolio, R&D capabilities and customer base.

Through our Sony Ericsson Mobile Communications joint venture we offer a range of mobile devices, including those supporting multimedia applications and other services allowing richer communication. We invest heavily in R&D and actively drive and promote open standards and systems. Also reflecting our ongoing commitment to technological leadership, we have one of the industry's most comprehensive intellectual property portfolio containing approximately 24,000 patents.

Our origins date back to 1876. The parent company is Telefonaktiebolaget LM Ericsson. Our headquarters are located, and the Board of Directors is seated, in Stockholm, Sweden.

Our vision is to be the prime driver in an all communicating world.

An all-communicating world means a world in which all people can use voice, data, images and video to share ideas and information wherever and whenever they want. We aim to make people's lives easier and richer, provide affordable Communication for all and enable new ways to do business.

With the Group vision "to be the prime driver in an all-communicating world" in mind, Ericsson will develop, produce, and offer products and services with excellent environmental performance, enabling our customers to minimize their environmental impact.

Open Innovation - ericsson.labs.com

Ericsson Labs, provided by Ericsson, is a new portal on the web that contains beta enablers and applications, and provides an open environment for sharing information with application developers, technology partners and consumers. Ericsson Labs simplifies the creation of applications for experimental developers to reach operators, simplifies the implementation of basic telecom functions and enables access to advanced functionality. A server infrastructure facilitates live testing. Ericsson is dedicated to contributing to all major standardization organizations working for open standards.

Ericsson Application Award

Inviting over 25000 thousands students at 100 universities the Ericsson Application award launched in Nov 2009. Students at the local university can win 45.000 euros teaming up with small and medium sized enterprises to develop mobile applications! The Ericsson Labs enables simplified ways of developing smart applications for the phones based on functionality such as mobile maps, push functionality or streaming media. The final is in June 2010.



IT-Tude.com connects emerging ICT research with business solutions, and offers your organization the opportunity to use this new and dynamic online platform for your own outreach.

The website covers the newest and most promising technology and services: Cloud and Grid Computing, Virtualization, Software as a Service (SaaS) and more.

IT-Tude.com delivers:

- use-cases to relate to your business needs, especially for the SME
- neutral and dependable analysis to better advise you
- technology expertise to fulfill your IT side of operations
- emerging services and technologies to highlight future research
- and most of all: the link and online visibility that lets your organization jump onboard

As you submit content related to your organization's research or business focus, we offer you online visibility that can be updated as you see fit. It's this participation that makes IT-Tude.com distinct from the rest: we connect the content with those involved, providing further service in expanding your network while maintaining the site rich with content, both from our end and yours.

We'll be showing you more from our booth at ICSOC/ServiceWave'09, on hand all week, along with our demo on Wednesday evening. IT-Tude.com (www.it-tude.com) is a joint venture by Atos Origin, CETIC, EPCC (University of Edinburgh) and the National Technical University of Athens; and was developed through the BEInGRID project. We look forward to connecting your organization.

SIEMENS

Siemens AG (headquartered in Berlin and Munich) is a global powerhouse in electronics and electrical engineering, operating in the industry, energy and health-care sectors.

Siemens holds leading market positions in all its business areas. The company has around 430,000 employees (in continuing operations) working to develop and manufacture products, design and install complex systems and projects, and tailor a wide range of solutions for individual requirements. For over 160 years, Siemens has stood for technological excellence, innovation, quality, reliability and internationality. In fiscal 2008, Siemens had revenue of €77.3 billion and income from continuing operations of €5.9 billion (IFRS).

Innovation is Siemens' most important growth and productivity driver. In fiscal year 2008, the company invested €3.8 billion – 4.9 percent of its total revenue – in research and development to stay at the forefront of technological progress. Today the company employs some 32,300 researchers and developers worldwide who work on innovations that secure existing business and open up new markets. Many of them are software engineers or researchers with a strong expertise in software development. The degree of innovation and the market success is significantly driven by software being an inherent element of most of our products. This makes Siemens one of the world's largest software houses.

Collaborations are an indispensable means of developing strategically important technologies. By discussing, sharing and implementing ideas with scientists from outside the company, Siemens researchers keep abreast of the latest findings resulting from fundamental and applied research all over the world.

With around 3,000 employees worldwide and being responsible for more than 7 percent of Siemens' total R&D expenditures, Corporate Technology (CT) plays a key role in R&D at Siemens. With more than 55,000 active patents, Siemens' Corporate Technology Department is a world leader among technology company research networks and acts as a powerful innovation partner for all Siemens' business units. The organization provides expertise regarding strategically important areas to ensure the company's technological future, and to acquire patent rights that safeguard the company's business operations.

Exploiting service orientation is one of Siemens Corporate Technology's strategic goals. Siemens CT is founding partner of the European Technology Platform NESSI (Networked European Software and Services Initiative). Dr. Reinhold Achatz, Head of Siemens Corporate Research and Technologies, represents NESSI as chair of the board. As a participant in the FP7 project NEXOF-RA Siemens CT contributes to the NESSI Open Framework by its expertise in industrial systems. Siemens Focus areas are architectural patterns, virtualised infrastructures industrial use cases and standardization. In addition to that Siemens is a founding member of the European Future Internet Initiative which has been setup by sixteen major industrial European players in the ICT environment to shape the Future Internet activities in Europe together with the European Commission.

THALES

MEETING THE NEED FOR A SAFER WORLD

Thales is a global technology leader in the Aerospace, Space, Defence, Security and Transportation markets. The company offers an unparalleled capability to design, develop and deploy equipment, systems and services that meet the most complex security requirements. The group has an exceptional international footprint, with operations around the world working with customers as local partners.

Leader in integration of systems, Thales owns all the key enabling technologies and competencies required to ensure information and communication system security as well as digital identification, electronic physical security, surveillance and synthetic environments. The company's cutting-edge technology is supported by a solid engineering force that builds safety and security into mission critical systems and infrastructures at the design stage.

With 16,000 employees dedicated to the security activity worldwide, Thales offers an unrivalled solutions portfolio to maximise the effectiveness of security systems :

- ➔ Innovative solutions for intelligent ground transportation (main line rail, urban transport and road) : advanced signalling, integrated operation security solutions, fare collection systems.
- ➔ Protecting citizens : supervision and protection systems for large cities and critical infrastructure (airport, utilities, sensitive sites and events).
- ➔ Proven expertise in secured information systems : end-to-end security offering, from consulting, outsourcing, cyber defence, forensics.
- ➔ High fidelity simulation and modelling capability : 3D Synthetic visualisation of large urban areas, on a variety of platforms, for interactive real-time simulation.

Key figures:

- €2.4 billion in total (19% of the activity)
- 25,000 researchers in high-tech domains
- 300 inventions per year
- Over 15,000 patents
- More than 30 partnerships with public research universities and laboratories in Europe, the United States and Asia

www.thalesgroup.com/security-services

SPONSORS (GOLD)



The network of Orange Labs represents the France Telecom-Orange Group's global innovation network. It is made up of 5,000 employees on four continents. It reflects the Group's ambition to put innovation at the heart of its strategy, firmly focused on its clients.

R&D is the principal source of innovation for the Group, with more than 7,500 patents registered. Consisting of 3,600 researchers in 17 laboratories on four continents (8 in France and 9 in Europe, America, Africa and Asia). Its ambition is to supply the innovation pipeline for the next two years with strong value-added subjects, as well as to anticipate longer-term issues (5-6 years).

Each Orange Lab is integrated into its own regional ecosystem in order to anticipate technological advances and changes in uses around the world, delivering products and services that are easy to use at the right time and in the right country.

SPONSORS

WE THANK ALL OUR SPONSORS:

Platinum Sponsors



SIEMENS

THALES



Gold Sponsor



Silver Sponsors



* All rooms are located in Electrum Conference Centre except when indicated otherwise. Turn to page 43 for maps.

Monday - November 23rd, 2009

Workshops: Registration open 08:30 am - 17:30

	Service Engineering Track	Business Models & Architectures Track	Service Quality and Service Level Agreement Track	Track - Business Experiences Track	Track - Technologies for Services
10:00-11:00	WESOA'09 Fifth International Workshop on Engineering Service-Oriented Applications Kista Science Tower Room SnowWhite	TEAR-2009 The 4th Workshop on Trends in Enterprise Architecture Research Room Klubbrum*	NFPSLAM-SOC'09 Non Functional Properties and Service Level Agreement Management in Service Oriented Computing Kista Science Tower Room Cinderella	Industrial Experience for Service-Oriented Computing Room Tazetten*	
11:00 -11:30	Coffee Break				
11:30-13:30	WESOA'09 Fifth International Workshop on Engineering Service-Oriented Applications Kista Science Tower Room SnowWhite	TEAR-2009 The 4th Workshop on Trends in Enterprise Architecture Research Room Klubbrum*	NFPSLAM-SOC'09 Non Functional Properties and Service Level Agreement Management in Service Oriented Computing Kista Science Tower Room Cinderella	Industrial Experience for Service-Oriented Computing Room Tazetten*	
13:30-14:30	Lunch				
14:30-16:00	WESOA'09 Fifth International Workshop on Engineering Service-Oriented Applications Kista Science Tower Room SnowWhite	SG-PAW 2009 1st International Workshop on SOA, Globalization, People, & Work Room Klubbrum*	NFPSLAM-SOC'09 Non Functional Properties and Service Level Agreement Management in Service Oriented Computing Kista Science Tower Room Cinderella	Common Capabilities for Service Oriented Infrastructures and Cloud Computing Room Tazetten*	Identity Management in Service Oriented Architectures KTH Campus Room 539
16:00 -16:30	Coffee Break				
16:30-18:00	WESOA'09: Fifth International Workshop on Engineering Service-Oriented Applications Kista Science Tower Room SnowWhite	SG-PAW 2009 1st International Workshop on SOA, Globalization, People, & Work Room Klubbrum*	MONA+ 2nd International Workshop on Service Monitoring, Adaptation and Beyond Kista Science Tower Room Cinderella	Common Capabilities for Service Oriented Infrastructures and Cloud Computing Room Tazetten*	Identity Management in Service Oriented Architectures

Tuesday - November 24th, 2009 - WORKSHOPS

Workshops: Registration open 09:00 am - 17:30

09:00-11:00	MONA+ (continued) 2nd International Workshop on Service Monitoring, Adaptation and Beyond				
09:30-11:00	International Workshop on User-generated Services Room Knuth*	SOC-LOG: 1st International Workshop on Service Oriented Computing in Logistics KTH Campus Room 539	MONA+ (continued) 2nd International Workshop on Service Monitoring, Adaptation and Beyond KTH Campus Room 432	Business Opportunities and Challenges for Grid and Cloud Computing Group Room 1*	Event-Driven Business Process Management Group Room 2*
11:00 -11:30	Coffee Break				
11:30-13:30	International Workshop on User-generated Services Room Knuth*	SOC-LOG: 1st International Workshop on Service Oriented Computing in Logistics KTH Campus Room 539	MONA+ 2nd International Workshop on Service Monitoring, Adaptation and Beyond KTH Campus Room 432	Business Opportunities and Challenges for Grid and Cloud Computing Group Room 1*	Event-Driven Business Process Management Group Room 2*
13:30-14:30	Lunch				

PROGRAMME

Tuesday - November 24th, 2009 - Continued

15:00	Official Opening of ICSOC-ServiceWave 2009	
15:00-16:00	Opening Session	
	Welcome to ICSOC-ServiceWave 2009	Dr. Gunnar Landgren , Vice-President, KTH
	Software Related Services: a Key Element in the Future Internet	Dr. Reinhold Achatz , CTO, Siemens
	Software Engineering Challenges for Service-Oriented Computing	Pr. Bashar Nuseibeh , Chief Scientist, Lero
	Room Electrumsalen	
16:00-16:30	Coffee Break	
16:30-18:30	"Services in the Future Internet"	
	Research on Future Internet - the way forward	Mr. Mario Campolargo , EU Director "Emerging Technologies and Infrastructures"
	Ambiant Sweden - an Introduction	Dr. Staffan Truvé , CEO Sics, Chairman of the Swedish Foresight Study "Ambient Sweden"
	The European Internet - Emerging Markets and Services	David Kennedy , Chairman of the European Future Internet Initiative
	Questions & Answers	
	Room Electrumsalen	
18:30	Bus transportation from Conference Centre to Welcome Reception	
19:00	Welcome Reception (see details on page 42)	hosted by the Stockholm Mayor at the Stockholm City Hall
21:00	Bus transportation from Stockholm City Hall to Conference Centre	



Golden Hall

Wednesday - November 25th, 2009

Registration open 09:00 am - 17:30

09:00-10:00	Keynote "How to make money out of cloud computing?" by Joan Masso, CEO Gridsystems			
	Room Electrumsalen			
10:00-10:30	Coffee Break			
10:30-12:00	Research papers - 01	Research papers - 02	Demonstrations	Internal meeting
	Composition	Discovery	Demonstrations presentation	by invitation only
	Room Electrumsalen	Room Filen	Room Arkivet	Room Utvägen
12:00-13:30	Lunch			
13:30-15:00	Panel "One year of Future Internet: is cloud computing the new wave?"			Internal meeting
	Chaired by Santi Ristol , Atos Origin Innovation, INES Chairman			by invitation only
	Panellists Mike Boniface , IT Innovation Yaron Wolfsthal , IBM Theo Dimitrakos , BT Tarry Singh , Atos Origin / Avastu John Barr , The 451 Group Joan Masso , Grid Systems CEO			
	Room Electrumsalen			
15:00-16:00	Research papers - 03	Research papers - 04	Demonstrations	
	Design principles	Customization and adaptation	Demonstrations presentation	
	Room Electrumsalen	Room Filen	Room Arkivet	Room Utvägen
16:30-17:00	Coffee Break			
17:00-18:00	Research papers - 05	Research papers - 06	Industry Papers - 15	Demonstrations
	Negotiation, agreement and compliance	Selection		Demonstrations presentation
	Session 05 ends at 19:00		Session 15 ends at 19:00	by invitation only
	Room Vinterträdgården	Room Filen	Room C1	Room Arkivet
19:00-21:00	Demonstration evening			
	20 demonstrations Sandwiches & drinks			
	Room Electrumsalen			

PROGRAMME

Thursday - November 26th, 2009

Registration open 09:00 am - 14:00

09:00-10:00	Keynote - Interconnecting smart objects with IP by Dr.Adam Dunkels - Networked Embedded Systems Group, SICS				
	Room Electrumsalen				
10:00-10:30	Coffee Break				
10:30-12:00	Research papers - 07	Research papers - 08	NESSI National Initiatives	Collaboration meeting	PhD Symposium
	Platforms and infrastructures	Short papers I	Meeting	Model Driven Approach for Complex Service Architectures and Engineering	
	Room Electrumsalen	Room Filen	Room C1	Room Arkivet	Room Utvägen
12:00-13:30	Lunch				
13:30-15:00	Panel "Services, Content and Things : how do they fit together?" Chaired by Sergio Gusmeroli , Txt			Collaboration meeting	PhD Symposium
	Panellists	Patrick Guillemin , ETSI Ovidiu Vermesan , Sintef	Frédéric Gittler , HP Labs Man Sze Li , IC Focus Ltd Adam Dunkels , SICS	Model Driven Approach for Complex Service Architectures and Engineering	
	Room Electrumsalen				
15:00-16:30	Research papers - 09	Research papers - 10	NESSI General Assembly		
	Security	Short papers II			
	Room Electrumsalen	Room Filen	Room C1	Room Arkivet	Room Utvägen
16:30-17:00	Coffee Break				
17:00-18:00	Research papers - 11	Research papers - 12	NESSI General Assembly	Collaboration meeting	PhD Symposium
	Modeling and Design	Validation and Verification		Model Driven Approach for Complex Service Architectures and Engineering	
	Room Electrumsalen	Room Filen	Room C1	Room Arkivet	Room Utvägen
18:30	Bus transportation from Conference Centre to Vasa Museum				
19:00	Vasa Museum				
	Private visit				
20:00	Gala Dinner				
	Vasa Museum				
23:00	Bus transportation from Vasa Museum to Conference Centre				

PROGRAMME

Friday - November 27th, 2009

09:00-10:30	Research papers - 13	Research papers - 14
	Reputation and ranking Room Electrumsalen	Service Management Room Filen
10:30-11:00	Coffee Break	
11:00-12:30	Panel "Architecture - Enablers or Barriers to the Future Internet?" - Chaired by Stefano De Panfilis, Engineering, Technical Director, NESSI	
	Panellists	Nuria De Lama , Atos Origin, SOA4ALL Tonny Velin , Answare Martin Körling , Ericsson
	Jan Camenisch , IBM Marco Pistore , Fondazione Bruno Kessler	
12:30-14:00	Lunch	
14:00-15:30	Closing Ceremony	
	Towards an open Mobile Internet	"Martin Körling , Ericsson Research Director, Service Layer Technologies"
	The sum is better than the parts : implementing an ETP research agenda	"Frédéric Gittler , HP Labs, NESSI SC Chairman"
	Room Electrumsalen	
15:30	End of ICSOC-ServiceWave 2009	

INDUSTRIAL PROGRAMME

Keynotes:	
Research on Future Internet - the way forward	
Mr. Mario C ampolargo	24/11/2009
Ambiant Sweden - an Introduction	
Dr.Staffan Truvé	24/11/2009
The European Internet - Emerging Markets and Services	
David Kennedy	24/11/2009
How to make money out of cloud computing	
Mr. Joan Masso	25/11/2009
Interconnecting smart objects with IP	
Dr. Adam Dunkels	26/11/2009
Towards an open Mobile Internet	
Dr. Martin Körling	27/11/2009
The sum is better than the parts : implementing an ETP research agenda	
Mr. Frédéric Gittler	27/11/2009
Panels:	
One year of future Internet – is cloud computing the new wave?	25/11/2009
Services, contents and things – how do they fit together	26/11/2009
Architectures – enablers or barriers to the Future Internet?	27/11/2009

Future Internet track - 24/11/2009

One year ago, the Future Internet track during ServiceWave 2008 highlighted that for the first time we could envisage a fully networked society but the challenge was how to realise this goal in an efficient and effective way. Since then, both the European Commission and the partners of European Technology Platforms have devoted many resources to refining not only the Future Internet vision and the need for convergence, but also how to optimise the way in which the resources involved could be motivated to work together in a European context.

A major step in the advancement of the European Future Internet position is shown in the recent communication issued by the European Commission¹, on the topic of a private-public partnership on the Future Internet.

This step is in response to a call by industry through the new European Future Internet Initiative issued to Ms Reding in Prague in May 2009. (www.future-internet.eu). This initiative provides a framework for the industry to work together towards the elaboration of a new Future Internet private-public partnership in Europe.

ICSOC-ServiceWave 2009 provides a unique opportunity to discuss this new partnership for Europe with both the European Commission and the industry through the Future Internet Initiative. All parties involved in the discussion want to ensure that all relevant research communities share the ambitious goals of the PPP. ICSOC-ServiceWave 2009 is proud to welcome in the Future Internet session both the European Commission Director, Mr. Mario Campolargo and European Future Internet Initiative Chairman, Mr. David Kennedy. In the same session we will also have Dr. Staffan Truvé, chairman of the recently published comprehensive study on Ambient Sweden that shows how the convergence of the Future Internet impacts all domains, from services to networks, from humans to objects.

1. <http://europa.eu/rapid/pressReleasesAction.do?reference=IP/09/1596&format=HTML&aged=0&language=EN&guiLanguage=en> and http://ec.europa.eu/information_society/activities/foi/library/communication_en.pdf

Panel: One year of Future Internet – is cloud computing the new wave?

25/11/2009

Chaired by **Santi Ristol**, Atos Origin

Panellists:	Joan Masso	Grid Systems CEO
	John Barr	The 451 Group
	Mike Boniface	IT Innovation
	Tarry Singh	Atos Origin, Avastu
	Theo Dimitrakos	BT
	Yaron Wolfsthal	IBM

This panel will focus on the role of cloud computing in the Future Internet, and on whether its emergence will evolve into the major, underlying infrastructure of the Future Internet or whether this is one component among others. With panellists closely involved in its evolution, both the services providers and the telecommunication operators points of view will be represented.

Panel: Services, content and things – how do they fit together?

26/11/2009

Chaired by **Sergio Gusmeroli** Txt

Panellists	Adam Dunkels	SICS
	Frédéric Gittler	HP Labs
	Man Sze Li	IC Focus Ltd
	Ovidiu Vermesan	Sintef
	Patrick Guillemin	ETSI

While services already play a key role in ensuring controlled access to content, how will we cope with the increasingly tight coupling between things and content? Intelligent devices are becoming the norm in our everyday life, from cars to fridges, from mobile terminals to industrial robots. But this evolution will at the same time enable new modes of interactions that we have yet to discover and create links that we had not even dreamed of.

In this panel, panellists from services, things, content and telecommunication come together to discuss the evolution.

Panel: Architectures – enablers or barriers for the Future Internet?

27/11/2009

Chaired by **Stefano De Panfilis**, Engineering Ingegneria Informatica SpA

Panellists	Jan Camenisch	IBM
	Martin Körling	Ericsson
	Nuria De Lama	Atos Origin, SOA4ALL
	Marco Pistore	Fondazione Bruno Kessler
	Tonny Velin	Answare

Building on its title, this panel will mostly address technological issues in building the Future Internet starting from the critical aspect of architectures. Issues such as which role the architectures will or should play, do we need one or more architectures, one or more Future Internet Systems, what should be in, what should be out, will Future Internet Systems be more complex than the current ones, and eventually what is the trade-off for its full exploitability will be debated.

The panellists will answer questions from the moderator and the attendees for a very interactive session!

The ICSOC-ServiceWave 2009 demonstration track comprises 20 demonstrations. The demonstrations list includes domain focused demonstrations in health, logistics, automotive as well as service oriented specific technologies and platforms.

The demonstrations take place during the Wednesday evening session; 16 of the demonstrations have also taken up the opportunity to introduce their applications through presentations during the Wednesday demonstration day session.

ALL DEMONSTRATIONS
ON DISPLAY 25/11/2009
from 19:00 to 21:00 at ElectrumSalen

Demonstrations	Presentation
	25/11/2009
Distributed Access Control Management: A XACML-based approach	10:30
FAST-SE: An ESB based Framework for SLA Trading	10:45
Gelee: Cooperative Lifecycle Management for (Composite) Artifacts	11:00
Hosted Universal Integration on the Web: the mashArt Platform	11:15
Sec-MoSCTooling : Incorporating Security Requirements into Service Composition	11:30
Services inside the Smart Home: A Simulation and Visualization tool	11:45
SLA Management and contract-based Service Execution	15:00
Next generation public services in the context of the Future Internet	15:15
MODELPLEX Integrated Solution for Complex Service Architectures and Engineering	15:30
The SLA@SOI Framework	15:45
The S-Cube knowledge model	16:00
SOA4ALL in action	16:15
IT-tude.com: Bringing your organization online to the forefront of ICT research and business solutions	17:00
RadiotherapyGrid: Advanced Computational Radiotherapy Services with SLAs and Enhanced Security	17:15
SUDDEN: The opportunity of service based value chains for SMEs as suppliers for the automotive domain	17:30
ENGAGE: Engineering Service Modes with WS-Engineer and Dino	17:45
Multi-device mobile web portal dedicated created by MyMobileWeb, a development platform that simplifies the rapid development of top-quality mobile web applications.	
A pluggable framework for Tracking and Managing Faults in Service-oriented Systems	
EzWeb: putting a face on the Internet of Services	
FAST: bringing services to the front end via gadgets & mashup platforms	

DEMONSTRATION TRACK

A Pluggable Framework for Tracking and Managing Faults in Service-oriented Systems

This demonstration describes a technology **independent fault management approach that uses a pluggable brokerage model to track and resolve changes and faults in service-oriented systems**. A case study is used to illustrate the efficacy of the approach.

On display 25/11/2009 19:00 to 21:00

Distributed Access Control Management – A XACML-based approach

Enterprises are increasingly pervasive with users and services belonging to different domains. There is a need for multiple administrators to define rules that apply to their part of the collaboration. Traditional access control models are not sufficient. This demonstrator illustrates an authorization service developed by Swedish SME Axiomatics. It implements the eXtended Access Control Markup Language (XACML), which allows the expression of fine-grained access control rules in distributed environments.

Presentation 25/11/2009, 10:30

On display 25/11/2009 19:00 to 21:00

ENGAGE: Engineering Service Modes with WS-Engineer and Dino

In this demonstration we present an approach to engineering service brokering requirements and capabilities using the concepts of Service Modes. The demonstration illustrates building service modes in UML2 with Rational Software Modeller, transforming modes in WS-Engineer and generating artefacts for runtime service brokering. The demonstration will feature a service brokering architecture for an Automotive In-Vehicle Services case study and is linked with a simulation of the animated vehicles.

Presentation 25/11/2009, 17:45

On display 25/11/2009 19:00 to 21:00

EzWeb: putting a face on the Internet of Services

This demonstration is intended to give an overview of EzWeb, an Open Source Application Mashup Platform that allows users to design their own customized web front-end to the Internet of Services. Using EzWeb, users can resolve and automate their everyday tasks by self-servicing, combining and interconnecting, in an easy and flexible way, little application components that are available in a public catalogue on the Internet.

On display 25/11/2009 19:00 to 21:00

FAST: bringing services to the front end via gadgets & mashup platforms

The demonstration will show how FAST allow users with no technical skills to develop gadgets that exploit backend services and are automatically deployed in any mashup platform. We will show that the gadget creation process comprises of a number of steps involving the identification of the problem, selecting the resources (backend services + graphical interfaces), building the screenflow and deploying the resulting gadgets on a mashup platform such as EzWeb and iGoogle. Once this is in place, a second part will demonstrate how to take it one step further by communicating independent gadgets.

On display 25/11/2009 19:00 to 21:00

FAST-SE: An ESB based Framework for SLA Trading

SLA driven service transaction has been identified as a key challenge to take advantage of a SOA. FAST System provides a software framework for the automated creation of SLAs. In particular it have been developed as an extension to the ESB (Enterprise Service Bus) paradigm to create a transparent SLA management layer that drives any service invocation. Our framework has been successfully applied in two different scenarios and provides an extensible architecture to address new domains.

Presentation 25/11/2009, 10:45

On display 25/11/2009 19:00 to 21:00

Gelee: Cooperative Lifecycle Management for (Composite) Artifacts

In this demonstration we introduce Gelee, our hosted platform for the specification and cooperative execution of lifecycles of artifacts of any kind. With Gelee we aim at filling two lacks we identify in current cooperative software systems when it comes to unstructured, artifact-based works (e.g., the writing of a project deliverable): the lack of state and the complete lack of automated actions. Lifecycles allow us to model the state of any object, and to automate lifecycle actions on online resources (e.g., a Google Doc).

Presentation 25/11/2009, 11:00

On display 25/11/2009 19:00 to 21:00

Hosted Universal Integration on the Web: the mashArt Platform

Traditional integration practices like Enterprise Application Integration and Enterprise Information Integration approaches typically focus on the application layer and the data layer in software systems, i.e., on limited and specific development aspects. Current web mashup practices, instead, show that there is also a concrete need for (i) integration at the presentation layer and (ii) integration approaches that conciliate all the three layers together. In this demonstration, we show how our mashArt approach addresses these challenges and provides skilled web users with universal integration in a hosted fashion.

Presentation 25/11/2009, 11:15

On display 25/11/2009 19:00 to 21:00

IT-tude.com - Bringing your organization online to the forefront of ICT research and business solutions.

IT-Tude.com connects emerging ICT research with business solutions, and offers your organization the opportunity to use this new and dynamic platform for your own outreach, as well.

IT-Tude.com delivers the latest content on Cloud and Grid computing, Virtualization, SaaS and more. We bring you use cases, analysis, expertise, trend-watch... while also providing the link and online visibility that offers your organization to jump onboard.

Presentation 25/11/2009, 17:00

On display 25/11/2009 19:00 to 21:00

Multi-device mobile web portal dedicated created by MyMobileWeb, a development platform that simplifies the rapid development of top-quality mobile web applications.

This demonstration is intended to give an overview of an application developed with MyMobileWeb exploiting some of the most important functionalities and features of the platform. We will demonstrate advanced content & application adaptation exploiting the delivery context and more general context-awareness (location, orientation changes, recommendations, automatic form fill, etc) by means of a minimalist multi-device mobile web portal offering information about the Spanish National Soccer League.

On display 25/11/2009 19:00 to 21:00

MODELPLEX Integrated Solution for Complex Service Architectures and Engineering

The MODELPLEX integrated solution based on Eclipse as an integration framework and consisting of a pre-selected subset of MODELPLEX tools i.e. the 'champion tool-set' will be demonstrated in specific use case scenarios. The main use case scenario will be the Thales realisation of an end-to-end model-driven engineering chain bridging from business towards architectural spaces and code generation. A Model-based repository technology will be demonstrated as a medium to enable collaborative work in a multi-user industrial context. Several Eclipse based tools such as MOFScript (Model to Text Transformation), TraMDE (Traceability Metamodel and analysis functionality) and the Epsilon Validation Language (EVL) as a language for capturing validation constraints over EMF models will be demonstrated along with the Reuseware Composition Framework which is an open-source model composition framework for composing models defined in arbitrary Ecore-based (or EMOF-based) languages.

Presentation 25/11/2009, 15:30 On display 25/11/2009 19:00 to 21:00

Next generation public services in the context of Future Internet

NESSI, in the frame of its Working Group on iGovernment proposes an innovative ICT-driven approach which engages citizens in the public service delivery decision making process and, hence, enables governments to better understand and address citizens' needs during public service conceptualization and design while contributing to the services' adoption. In this way, next-generation public services will:

- ➔ balance the interests of the public realm and the market;
- ➔ consider individuals to be citizens, not just consumers, and thus balance the interests of communities and individuals;
- ➔ consider wider social concerns, not just narrow financial concerns.

In this presentation and demonstration we will show this new model for the delivery next generation of public services.

Presentation 25/11/2009, 15:15 On display 25/11/2009 19:00 to 21:00

RadiotherapyGrid: Advanced Computational Radiotherapy Services with SLAs and Enhanced Security

A new set of services for the medical physicists' community is presented to help radiotherapy treatment planning. Because these simulations require a lot of computing power, the platform uses intensively external

resources provided through Grid infrastructure. To guarantee a low response time, the platform includes a negotiation mechanism based on SLAs. Additionally, secure mechanisms have been added to keep the safety of the transactions based on PDP and PEP.

Presentation 25/11/2009, 17:15 On display 25/11/2009 19:00 to 21:00

Sec-MoSCTooling - Incorporating Security Requirements into Service Composition

The Sec-MoSCTooling is a novel set of tools and programming components that enables the high-level specification, modelling, mapping and enforcement of security requirements in business processes and service composition. Sec-MoSCTooling enables traceability of security requirements at different levels of abstraction, automatic generation of configuration files containing enforceable security actions for the composed services and the involved security tools.

Presentation 25/11/2009, 11:30 On display 25/11/2009 19:00 to 21:00

Services inside the Smart Home: A Simulation and Visualization tool

One of the greatest challenges in developing middleware for Smart homes is that this kind of systems are extremely difficult to test and verify. We propose to reduce the testing costs by replacing actual home services with virtual stubs behaving as if they were actual hardware installed somewhere in the house.

Presentation 25/11/2009, 11:45 On display 25/11/2009 19:00 to 21:00

SLA Management and contract-based Service Execution

In the Internet of Services vision, services are traded via internet service marketplaces. Service provisioning is regulated by service level agreements (SLAs). In this demonstration, we present an infrastructure which supports SLA creation and negotiation as well as service provisioning and monitoring based on SLAs in the context of marketplaces.

Presentation 25/11/2009, 15:00 On display 25/11/2009 19:00 to 21:00

SOA4All in Action

This demo will focus on the SOA4All Studio, a rich Web platform that provides users with a unified view covering the whole lifecycle of services, including design-time, run-time and post-mortem analysis. In particular, we will demonstrate some of the main functionalities provided by the SOA4All Studio through its user interface (e.g., editors for annotating services, lightweight platform for the consumption of semantically enriched services, analysis platform for monitoring service performance and usage results) in the context of realistic scenarios developed in the project.

Presentation 25/11/2009, 16:15 On display 25/11/2009 19:00 to 21:00

The S-Cube Knowledge Model

The S-Cube Knowledge Model (KM) is intended to be a free, open-content “living” encyclopedia and will collect, cross correlate and summarize services-related terminology, definitions and knowledge. This demonstration will introduce the KM, show how the S-Cube project uses it as an integration point for the collection, analysis and reporting of concepts and how we use the KM to promote a common understanding of concepts and technology.

Presentation 25/11/2009, 16:00 On display 25/11/2009 19:00 to 21:00

The SLA@SOI Framework

The demonstration presents the use of SLA@SOI Framework Prototype for a simple Use Case. The service-oriented application (Open Reference Case) is based on a well known Common Component Modelling Example (CoCoME), a legacy application supporting the sales process in a retail chain. The application was transformed into a manageable and SLA-aware application ready to be deployed with the SLA@SOI framework. The demonstrator present different views on the overall system allowing stakeholders like customers, service providers, and developers.

Presentation 25/11/2009, 15:45 On display 25/11/2009 19:00 to 21:00

SUDDEN: The opportunity of service based value chains for SMEs as suppliers for the automotive domain

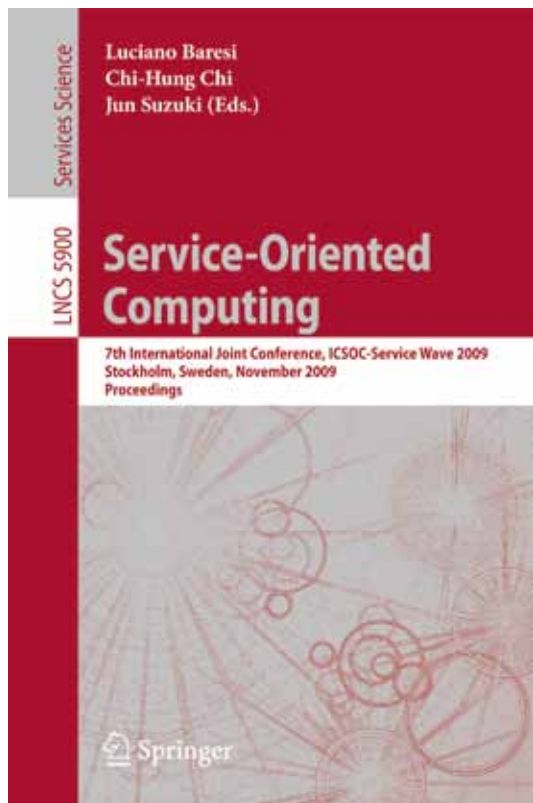
The widespread use of IT for discovery and delivery of organisational services brings forward the concept of convergent services, where organisational know-how is fused with software functionality to deliver added value across the supply chain. Exploring parallels between web service composition and virtual enterprise formation in the domain of automotive manufacturing, this demonstration aims to illustrate how conceptualising organisational contributions to a virtual enterprise as services and applying knowledge-based reasoning for emergent service composition can enable transparency and innovation.

Presentation 25/11/2009, 17:30 On display 25/11/2009 19:00 to 21:00

ICSOC, in its seventh edition, and ServiceWave in its second edition, worked together to convey a world-leading and unique opportunity for academic researchers and industry practitioners to report their state-of-the-art research findings in service oriented computing.

The Program Committee received 228 paper submissions from a number of different disciplines. 37 papers were accepted as regular contributions, for a very competitive acceptance rate of 16%; 8 further submissions were accepted as short papers as well as 5 industry papers. Some 100 people were involved in reviewing many good papers carefully and rigorously, these efforts were the key elements for a program that represents a highly selective and high quality set of research results.

The scientific papers including the short papers are published in the conference proceedings by Springer Verlag, as volume 5900 of the Lecture Notes in Computer Science. This is also the first volume of the new LNCS Sub line Services Science.



Volume reference: Baresi, L., Chi, C.-H., and Suzuki, J. (eds.): ICSOC-ServiceWave 2009, LNCS, vol. 5900, Springer, Heidelberg (2009)

ISBN: 978-3-642-10382-7

All the papers are presented during the conference, organised in 15 different sessions:

Composition session 01

Discovery session 02

Design principles session 03

Customization and adaptation session 04

Negotiation, agreements and compliance session 05

Selection session 06

Platforms & infrastructures session 07

Security session 09

Modelling and design session 11

Validation and verification session 12

Reputation and ranking session 13

Service management session 14

Short papers (I and II) sessions 08 and 10

Industry papers session 15

Session	Paper	Authors
01 Composition	Facilitating Workflow Interoperation using Artifact-centric Hubs	Richard Hull, Nanjangud Narendra, Anil Nigam
	Aspect Orientation for Composite Services in the Telecommunication Domain	Jorg Niemöller, Levenshteyn Roman, Eugen Freiter, Konstantinos Vandikas, Raphaël Quinet, Ioannis Fikours
	Intelligent Overload Control for Composite Web Services	Pieter Meulenhoff, Dennis Ostendorf, Miroslav Zivkovic, Hendrik Meeuwissen, Bart Gijsen
02 Discovery	Trust-Oriented Composite Services Selection and Discovery	Lei Li, Yan Wang, Ee-Peng Lim
	A Two-Tiered Approach to Enabling Enhanced Service Discovery in Embedded Peer-to-Peer Systems	Thaizel Fuentes, Sara Corfini, Antonio Brogi
	Web Service Selection with Incomplete or Inconsistent User Preferences	Hongbing Wang
03 Design principles	Energy-aware Design of Service-Based Applications	Alexandre Mello Ferreira, Kyriakos Kritikos, Barbara Pernici
	Action Patterns in Business Process Models	Sergey Smirnov, Matthias Weidlich, Jan Mendling, Mathias Weske
	Artifact-Centric Workflow Dominance	Diego Calvanese, Giuseppe De Giacomo, Rick Hull, Jianwen Su
04 Customization and adaptation	Requirements-Driven Collaborative Choreography Customization	Ayman Mahfouz, Leonor Barroca, Robin Laney, Bashar Nuseibeh
	An Automatic Approach to Enable Replacement of Conversational Services	Luca Cavallaro, Elisabetta Di Nitto, Matteo Pradella
	Towards Adaptable SOA: Model Driven Development, Context and Aspect	Slimane Hammoudi, Valérie Monfort
05 Negotiation, agreements and compliance	Modelling Service Level Agreements with Binary Decision Diagrams	Constantinos Kotsokalis, Ramin Yahyapour, Miguel Angel Rojas
	Provider-Composer Negotiations for Semantic Robustness in Service Compositions	Freddy Lecue, Nikolay Mehandjiev, Usman Wajid
	Evaluating Contract Compatibility for Service Composition in The SeCO2 Framework	Marco Comerio, Hong-Linh Truong, Flavio De Paoli, Schahram Dustdar
	Explaining the Non-Compliance between Templates and Agreement Offers in WS-Agreement	Carlos Müller, Manuel Resinas, Antonio Ruiz-Cortés
06 Selection	A Probabilistic Approach to Service Selection with Conditional Contracts and Usage Patterns	Adrian Klein, David Helmut, Fuyuki Ishikawa, Bernhard Bauer
06 Selection (Continued)	ServiceTrust: Supporting Reputation-Oriented Service Selection	Qiang He, Jun Yan, Hai Jin, Yun Yang

Session	Paper	Authors
	QoS Browsing for Web Service Selection	Chen Ding, Preethy Sambamoorthy
07 Platforms & infrastructures	An Orchestration as a Service Infrastructure using Grid Technologies and WS-BPEL	André Höing, Guido Scherp, Stefan Gudenkauf, Dirk Meister, André Brinkmann
	The FAST Platform: An Open and Semantically-enriched Platform for Designing Multi-Channel and Enterprise-Class Gadgets	Volker Hoyer, Janner Till, Ivan Delchev, Javier Lopez, Sebastian Ortega, Rafael Fernandez, Knud Hinnerk Möller, Ismael Rivera, Marcos Reyes, Manuel Fradinho
	Message-Oriented Middleware with QoS Awareness	Hao Yang, Minkyong Kim, Kyriakos Karenos, Fan Ye, Hui Lei
08 Short papers I	Learning the Control-flow Perspective of a Business Process using ICN-based Process Models	Aubrey J. Rembert, Clarence A. Ellis
	Fine-Grained Recommendation systems for service attribute exchange	Christopher Staite, Rami Bahsoon, Stephen Wolak
	A Generative Framework for Service Process Composition	Rajesh Thiagarajan, Wolfgang Mayer, Markus Stumptner
	Achieving Predictability and Service Differentiation in Web Services	Vidura Gamini Abhaya, Zahir Tari, Peter Bertok
09 Security	Incorporating Security Requirements into the Service Composition: From Modelling to Execution	Nelson Souto Rosa, André Souza, Bruno Silva, Julio Damasceno, Paulo Maciel, Robson Medeiros, Bryan Stephenson, Fernando Lins, Hamid Motahari-Nezhad, Jun Li, Caio Northfleet
	End-to-End Security for Enterprise Mashups	Florian Rosenberg, Rania Khalaf, Matthew Duftler, Francisco Curbera, Paula Austel
	A Genetic Algorithms-based Approach for Optimized Self-protection in a Pervasive Service Middleware	Weishan Zhang, Julian Schuette, Mads Ingstrup, Klaus M. Hansen
10 Short papers II	Role of Process Modeling in Software Service Design	Susanne Patig, Harald Wesenberg
	Assisting Trustworthiness based Web Services Selection Using the Fidelity of Websites	Lijie Wang, Fei Liu, Ge Li, Liang Gu, Liangjie Zhang, Bing Xie
	Web Service Search on Large Scale	Nathalie Steinmetz, Holger Lausen, Manuel Brunner
	Enabling Adaptation of Pervasive Flows: Built-in Contextual Adaptation	Annapaola Marconi, Marco Pistore, Adina Sirbu, Frank Leymann, Hanna Eberle, Tobias Unger
11 Modeling & design	A service-oriented UML profile with formal support	Alberto Lluch Lafuente, Roberto Bruni, Matthias Hözl, Nora Koch, Phillip Mayer, Ugo Montanari, Andreas Schroeder, Martin Wirsing
	Designing workflows on the fly using e-BioFlow	Ingo Wassink, Matthijs Ooms, Paul E. van der Vet

Session	Paper	Authors
	Measuring the Quality of Service Oriented Design	Renuka Sindhgatta, Bikram Sengupta, Karthikeyan Ponnalagu
12 Validation & verification	Specification, Verification and Explanation of Violation for Data Aware Compliance Rules	Ahmed Awad, Matthias Weidlich, Mathias Weske
	Generating Interface Grammars from WSDL for Automated Verification of Web Services	Sylvain Halle, Graham Hughes, Tevfik Bultan, Muath Alkhalaf
	Satisfaction of Control Objectives by Control Processes	Daniela Marino, Fabio Massacci, Andrea Micheletti, Nataliya Rassadko, Stephan Neuhaus
13 Reputation and ranking	Effective and Flexible NFP-based Ranking of Web Services	Matteo Palmonari, Marco Comerio, Flavio De Paoli
	Combining Quality of Service and Social Information for Ranking Services	Qinyi Wu, Arun Iyengar, Revathi Subramanian, Isabelle Rouvellou, Ignacio Silva-Lepe, Thomas Mikalsen
	Web Services Reputation Assessment Using a Hidden Markov Model	Zaki Malik, Ihsan Akbar, Athman Bouguettaya
14 Service management	MC-Cube: Mastering Customizable Compliance in the Cloud	Tobias Markus Anstett, Dimka Karastoyanova, Frank Leymann, Ralph Mietzner, Ganna Monakova, Daniel Schleicher, Steve Strauch
	Another Approach to Service Instance Migration	Nannette Liske, Niels Lohmann, Christian Stahl, Karsten Wolf
	Distributed, Cross-Domain Configuration Management	Liliana Pasquale, Jim Laredo, Heiko Ludwig, Kamal Bhattacharya, Bruno Wassermann
15 Industry papers	Using Mashup Integration Services in B2B Scenarios	Robert Siebeck, Till Janner, Christoph Schroth, Volker Hoyer, Wolfgang Wörndl, Florian Urmetzer
	Lessons Learned from Composing Web Services and Human Activities	Donghui Lin, Yoshiaki Murakami, Toru Ishida, Yohei Murakami, Masahiro Tanaka, Beatriz
	Medical equipment maintenance workflow monitoring with service-oriented multi-agent services	Beatriz Lopez, Alberto Martín, David Daroca, Joaquim Meléndez, Sara Lozano
	Improving quality of the service engagement process using a GUI-based software tool	James Rhodes, Tianwei Chen, Isaac G. Council, Kenneth Johns, Toby Lehman, Ray Strong, Ruoyi Zhou, William Lovero
	Tenant Behavior Analysis in Software as a Service Environment	Ning Duan, Xin Zhang, Wei Sun, Zhongbo Jiang

ICSOC-ServiceWave 2009 presents 11 workshops, grouped in the following tracks:

Scientific workshops

- ➔ Service Engineering (SE)
- ➔ Business Models and Architectures (BMA)
- ➔ Service Quality and Service Level Agreement (SLA)

Business Models and Architectures

Track coordinator: **Asit Dan** (asit@us.ibm.com)

The Business Models and Architectures track focuses on the overall modern enterprise. The ability to react quickly to ongoing changes in the marketplace or customer requirements is one of the biggest challenges facing every business. To react, business may need to change their business models and processes, their IT infrastructure, the topology or distribution of the organization and business units, form alliances with partners or co-producers, outsource missing capabilities, contract services, or even acquire and merge with other businesses. Business models and architectures help plan the optimal changes. The speed in which such architectures can be made fully operational is what differentiates winners from losers.

The three workshops in this track address different, yet complementing, facets of the problem. **TEAR** is aligning the Enterprise Architecture with its business models: adapting the IT infrastructure and changing applications so that they optimally support the new business needs. **GLOBALIZATION (SG-PAW)** is looking at enacting the new business processes by encapsulating organizational work as services that can be combined in new ways and optimize its end-to-end operations across geographical, organizational, and cultural boundaries. Finally, **SOC-LOG** is focusing on addressing the challenges of a specific application domain, namely, logistic through developing SOC based solutions and examining aspects of Knowledge Management while bringing together researchers from different, though overlapping areas (logistics/supply chain management and service-oriented computing/ systems).

Application Workshops

- ➔ Business Experiences (BE)
- ➔ Technologies for Services (TS)

Service Quality and Service Level Agreement

Track coordinator: **Farouk Toumani** (ftoumani@isima.fr)

The dynamic nature of the business and operational environments where service-based applications live poses new challenges to the engineering and provisioning of such applications. The “Service Quality and Service Level Agreements” track focuses on one of the most significant of these challenges: how to guarantee the quality characteristics of SBAs.

The track will approach this challenge from two complementary perspectives. First, it will investigate how the exploitation of service contracts and service level agreements to define the exact conditions under which services are provided and the quality characteristics are guaranteed. Second, it will investigate solutions supporting a timely and effective identification and reaction to the changes in the business and operational environments.

This track includes two workshops that correspond to the two perspectives.

- ➔ **NFPSLAM-SOC** aims to tackle the research problems around models, concepts, languages and methodologies that enable the specifications of non-functional properties and Service Level Agreements in the context of Service Oriented Computing, with a special focus on transparent,
- ➔ multi-level, and holistic NFP and SLA management into service oriented systems.

MONA+ is looking instead at the problems related to the monitoring and adaptation mechanisms and strategies, with a special focus on the relations and interdependencies between the network layer and the service layer.

Service Engineering Track

Track coordinator: **Frédéric Gittler** (frederic.gittler@hp.com)

With the increasing adoption of service-oriented software architecture and technologies, traditional software engineering approaches are often not well aligned to the specific needs of the development of service-oriented applications. Software Service Engineering (SSE), a domain that has emerged to specifically address those needs, is becoming increasingly important.

Two different aspects of SSE will be discussed in the workshops in this track; in the first workshop, **WESOA'09**, the focus will be on the key challenges arising from the specific needs of service-oriented applications. In **User Generated Services**, the focus will be on the development of services as a user-centric operation rather than a service-centric point of view.

WORKSHOPS IN DETAILS

Track	Business Experiences Track
BE 01	Industrial Experience for Service-Oriented Computing 23.11.2009 10:00 – Application <p>The aim of this workshop is to identify the most promising research directions that can have an impact on the service industry for the purpose of aligning academic and industrial research agendas. The evaluation of different proposed approaches and benchmarks and complete case studies is needed to be able to assess which are the most promising research directions that can have an impact on the industrial development of this field.</p> <p>http://www.s-cube-network.eu/ie4soc</p> <p>Barbara Pernici (barbara.pernici@polimi.it)</p>
BE 02	Common Capabilities for Service Oriented Infrastructures and Cloud Computing 23.11.2009 14:30 – Application <p>This is a full session workshop that brings together delegates from leading commercial, public and research organizations around the world to share experiences of commercial applications of Service Oriented Infrastructures based on the fusion of Web Services and Grid Computing paradigms as a foundation for Service Oriented IT in the 21st century. Presented by the BEinGRID project.</p> <p>Theo Dimitrakos (theo.dimitrakos@bt.com)</p>
BE 03	Business Opportunities and Challenges for Grid and Cloud Computing 24.11.2009 09:30 – Application <p>This workshop provides a consultancy oriented view of business opportunities and challenges for grid and cloud computing. It focuses on the latest market trends and the challenges that market players face when developing new solutions to emerging business opportunities. Special attention is paid to the business models, product strategies, service commercialization, and legal safeguards. Presented by the BEinGRID project.</p> <p>Karita Luokkanen-Rabetino (karita.luokkanen@atosorigin.com),</p>

Track	Business models and Architectures Track
BMA01	The 4th Workshop on Trends in Enterprise Architecture Research (TEAR 2009) 23.11.2009 10:00 – Research <p>TEAR is aligning the Enterprise Architecture with its business models: adapting the IT infrastructure and changing applications so that they optimally support the new business needs.</p> <p>http://tear.iwi.unisg.ch/</p> <p>joachim.schelp@unisg.ch, stephan.aier@unisg.ch, mschoenherr@sysedv.tu-berlin.de</p>
BMA02	1st International Workshop on SOA, Globalization, People, & Work (SG-PAW 2009) 23.11.2009 14:30 – Research <p>GLOBALIZATION (SG-PAW) is looking at enacting the new business processes by encapsulating organizational work as services that can be combined in new ways and optimize its end-to-end operations across geographical, organizational, and cultural boundaries</p> <p>http://tinyurl.com/sgpaw2009</p> <p>Daniel V Oppenheim (music@us.ibm.com), tai@aifb.uni-karlsruhe.de, Francisco Curbera (curbera@us.ibm.com), dustdar@infosys.tuwien.ac.at</p>
BMA03	SOC-LOG: 1st International Workshop on Service Oriented Computing in Logistics 24.11.2009 09:30 – Research <p>SOC-LOG is focusing on addressing the challenges of a specific application domain, namely, logistic through developing SOC based solutions and examining aspects of Knowledge Management while bringing together researchers from different, though overlapping areas (logistics/supply chain management and service-oriented computing/ systems)</p> <p>http://soclog09.wifa.uni-leipzig.de/</p> <p>oerg.leukel@uni-hohenheim.de, ludwig@wifa.uni-leipzig.de, alexander.norta@cs.helsinki.fi</p>

Track	Technologies for Services Track
-------	---------------------------------

TS 01	Identity Management in Service Oriented Architectures 23.11.2009 14:30 – Application This workshop focuses on the intersection and complementary work related to the identity management in dynamic and reconfigurable service architectures and infrastructures. Presented by the projects MASTER, PrimeLife and TAS3. These projects are complementary and given their state of the art, they are likely to provide the reusable results as well as few key elements of a strategy towards embedding Security and Trust in service infrastructures.
-------	--

Aljosa Pasic (aljosa.pasic@atosorigin.com),

TS 02	Event-Driven Business Process Management 24.11.2009 10:00 – Application
-------	---

This workshop presents the challenges in realizing Event-Driven BPM and describe a conceptual reference model and a reference architecture for it. This workshop will also address the integration of Complex Events, the current and future movement on edBPM-related standards (including hands-on examples and first prototypes), and the challenges of dynamically starting, stopping, terminating or changing Internet services driven by events.

Rainer Ammon (rainer.ammon@citt-online.com),

Track	Service Engineering Track
-------	---------------------------

SE 01, 02	Fifth International Workshop on Engineering Service-Oriented Applications (WESOA'09),
-----------	--

23.11.2009 10:00 – Research

<http://www.wesoa.org/>

christian.zirpins@kit.edu, jirif@vse.cz, gobellot@unex.es, jychung@us.ibm.com, robertdj@us.ibm.com, lamersdorf@informatik.uni-hamburg.de, w.emmerich@cs.ucl.ac.uk

SE 03	International Workshop on User-generated Services
-------	--

24.11.2009 09:30 – Research

<http://fast.morfeo-project.eu/workshops/ugs2009/>

Knud Hinnerk Möller (knud.moeller@deri.org), jychung@us.ibm.com, Fco. Javier Soriano Camino (jsoriano@fi.upm.es)

Track	Service quality and SLA Track
-------	-------------------------------

SLA 01, 02	Non Functional Properties and Service Level Agreements Management in Service Oriented Computing Workshop (NFPSLAM-SOC'09)
------------	--

23.11.2009 10:00 – Research

NFPSLAM-SOC aims to tackle the research problems around models, concepts, languages and methodologies that enable the specifications of non-functional properties and Service Level Agreements in the context of Service Oriented Computing, with a special focus on transparent, multi-level, and holistic NFP and SLA management into service oriented systems

<http://events.sti2.at/nfpslam-soc09/>

Flavio De Paoli, Università degli studi di Milano - Bicocca, Italy, Paoli (depaoli@disco.unimib.it), Ioan Toma, STI Innsbruck, Austria (ioan.toma@sti2.at), Hui Li, SAP Research, Germany, (hui01.li@sap.com), Ramin Yahyapour, Dortmund University of Technology, Germany, Marcel Tilly, European Microsoft Innovation Centre, Germany (marcel.tilly@microsoft.com), Andrea Maurino, Università degli studi di Milano - Bicocca, Italy (maurino@disco.unimib.it), Wolfgang Theilmann, SAP Research, Germany

SLA 03	2nd International Workshop on Service Monitoring, Adaptation and Beyond (MONA+)
--------	--

23.11.2009 16:30 – Research

Continued on 24.11.2009 9:00

MONA+ is looking at the problems related to the monitoring and adaptation mechanisms and strategies, with a special focus on the relations and interdependencies between the network layer and the service layer.

<http://www.s-cube-network.eu/MONA2>

karastoyanova@iaas.uni-stuttgart.de, raman@fbk.eu, andreas.metzger@sse.uni-due.de, pistore@fbk.eu

ICSOC SERVICEWAVE 2009 PHD SYMPOSIUM

The ICSOC/ServiceWave PhD Symposium 2009 in Stockholm is the 5th PhD Symposium of a series held in conjunction with the ICSOC conferences in Sydney, Australia (2008), Vienna, Austria (2007), Chicago, USA (2006), and Amsterdam, The Netherlands (2005). Students are encouraged to submit papers that give a clear description of their PhD work in terms of problem statement, research challenges, proposed solution, impact, re-research plan, preliminary results, and positioning of their work with respect to the state of the art.

The Symposium operates in a workshop format and gives PhD students the opportunity to showcase their research and particularly encourages students that are still developing their research methodology or are somewhere in the middle of their research program to submit their contributions for discussion. This year, 12 papers from the field of service oriented computing were accepted after a rigorous selection process. Also, this year's PhD Symposium received sponsorship from IBM T.J. Watson Research, New York, USA. During the workshop, the following activities will be conducted:

- ➔ All students will receive fruitful feedback and advice on their research approach and thesis in advance. In addition to feedback from PC members, papers will be peer-reviewed by other students.
- ➔ Each paper will be presented to all symposium participants. This will give PhD students the opportunity to present and discuss their research in a constructive and critical atmosphere

In addition the workshop will provide the opportunity for all participants to informally interact and exchange ideas, suggestions, and experiences with each other.

Florian Daniel, University of Trento, Italy and **Fethi Rabhi**, UNSW, Australia (PhD Symposium Chairs)

MODEL DRIVEN APPROACH FOR COMPLEX SERVICE ARCHITECTURES AND ENGINEERING

Collaborative meeting

Service architecture and Engineering have reached a level of maturity that lead to their introduction into complex systems. As such the development of new methods of software engineering capable of adapting to emerging demands is a real priority. MODELPLEX (Modelling Solutions for Complex Systems) is organizing the collaboration meeting on "Model Driven Approach for Complex Service Architectures and Engineering" in order to identify what are the outcomes of the work carried out in these areas in different FP6 and FP7 projects during the last months.

Following the "Software innovation for Complex Service Architectures and Engineering and Formal Methods" ¹ collaboration meeting that took place within the Internet of Services 2009 in Brussels in June, organizers have decided to go forward on the topic.

This collaboration meeting has as objectives:

- ➔ Identify results that could be used and shared by projects by presenting some of them
- ➔ Brainstorm on topics link to "Model Driven Approach for Complex Service Architectures and Engineering"
- ➔ Identify collaboration and prepare future calls



MODELPLEX is an FP6 project (Sept 2006- Feb 2010)- 20 partners – Total cost: 20.007.340 € - EC Contribution: 11.004.997 €

<http://www.modelplex.org/>

Contact point: sebastien.praud@thalesgroup.com (Thales, MODELPLEX Technical coordinator)

1. http://ec.europa.eu/information_society/events/cf/ios09/item-display.cfm?id=2218

All students participating in the
PhD Symposium will receive a travel grant
sponsored by IBM
T.J. Watson Research, New York, USA

NATIONAL INITIATIVES

When NESSI launched in September 2005, one key priority of the ETP was to increase the collaboration with and between the Member States. Since then, national technology platforms have emerged with a focus on the topics of software and services. Some of them have emerged as an effect of the NESSI construction, due to the detection of an opportunity in creating a structure similar to NESSI at national and regional level. Others have emerged driven by different objectives and, initially, with a lower level of interaction with NESSI.

However, whatever their origin, these platforms have been increasingly working together, starting in 2008. In the summer of 2008, the Spanish platform for software and service (INES) invited representatives from other national platforms to join their annual General Assembly in Mallorca. Another meeting of the representatives took place in the winter of 2008 in Madrid during ServiceWave 2008. The conclusion of all these meetings was the need to initiate and structure a Network of Platforms to work together. Since then, a Memorandum of understanding for the NESSI National & Regional Platforms has been elaborated by Bulgaria, Hungary, Norway, Poland, Spain, Slovenia, and The Netherlands, describing the rationale, structure and strategy of the collaboration, and an open collaboration space to which any member of the NESSI platforms can contribute has been set up at <http://nessiplatforms.ning.com>.

The overall goal of the NESSI Platforms network is to promote the development and application of ICT technologies (mainly software and services) within European industry and government. They should help Europe face the multitude of challenges caused by profound changes in social attitudes, economic conditions and the business environment. Next steps will focus on the enlargement beyond the initial 7 countries.

The NESSI National Initiatives session takes place from 10:30 to 12:00 is open to all. In addition to the presenters from Spain and The Netherlands, representatives from Bulgaria, Slovenia and Sweden have confirmed their attendance.

10:30	Introduction to the session Santi Ristol , President of INES – NESSI Spain
10:35	National Initiatives collaboration status during 2009 Carmen Perea , INES – NESSI Spain
10:55	NESSI platforms value for NESSI Frederic Gittler , Chairman of NESSI Steering Committee
11:05	National initiatives strategy for 2010 Sjoerd Meihuizen , Jacquard – NESSI Netherland
11:25	Open discussion among all participants
11:50	Conclusions

NESSI GENERAL ASSEMBLY

The last NESSI General Assembly took place exactly two years ago, in December 2007. In 2008, NESSI focused its efforts on the convergence of the Future Internet and initiated the cross-ETP ServiceWave conference. But even within the Future Internet context, specific needs remain unanswered in the services domain, and NESSI has decided to hold a short, informative and interactive NESSI General Assembly in December 2009.

This General Assembly is therefore the occasion to provide the NESSI members with the following opportunities:

- ➔ a comprehensive update on NESSI's evolution since December 2007, at the level of memberships, research, results and ambitions
- ➔ an interactive session, in which the major research directions that NESSI has elaborated for 2010 and 2011 will be presented, to open up further discussions. Participation to this debate is important in orienting not only NESSI's future, but also in terms of contributions to the on-going update of the European Commission's work programme due at the end of this year.

15:00 – 15:30	The NESSI evolution over 2008 and 2009 (memberships, research, structure, activities, results, role of NESSI in the Future Internet) Frédéric Gittler , NESSI SC Chairman
15:30 – 15:45	What does it mean to be a NESSI Strategic Project? Yaron Wolfsthal , IBM, the NESSI Strategic Reservoir Project
15:45 – 16:00	What can a NESSI Working Group contribute? How can it operate? Aljosa Pasic , Atos Origin, the NESSI Trust, Security, Dependability working group
16:00 – 16:30	The upcoming research areas identified by NESSI Stefano De Panfilis , Engineering Ingegneria Informatica, NESSI Technical Director
17:00 – 17:45	Open discussion on the research areas presented before the coffee break chaired by Stefano De Panfilis , Nuria de Lama , Frédéric Gittler
17:45 – 18:00	Closing remarks Frédéric Gittler

SPEAKERS AND PANEL CHAIRS

ICSOC- SERVICEWAVE 2009 IS PLEASED TO WELCOME ITS SPEAKERS



Reinhold Achatz

CTO, Siemens

Software Related Services: a Key Element in the Future Internet

Reinhold Achatz is Corporate Vice President of Siemens AG, in this function he is head of Corporate Research and Technologies (since 2006) and head of the Corporate Development Center (since April 2009).

He is responsible for the global research activities of Siemens AG in the area of Materials & Microsystems, Power & Sensor Systems, Production Processes, Information & Communications, Software & Engineering, Automation, Imaging, SMART Innovation and Exploration & Processing of Natural Resources with over 2,200 employees. In the Development Center, Dr. Achatz is driving the integration of the product development process with the expertise of 2,600 software engineers worldwide, the majority of whom are from India and Central Eastern Europe.

In addition, Dr. Achatz is Member of the Siemens Innovation Steering Committee, Board member and vice president of the OPC Foundation (since 1995), Board member and chairman of the EU's NESSI Technology platform, Member of the Fraunhofer Institute's Board of Trustees on Experimental Software Engineering (IESE), in Kaiserslautern, Germany, Siemens Ambassador for the Technical University Kaiserslautern, the University of Saarland, Vice Chairman of Münchner Kreis, Supranational Association for Communications Research (since 2007), Member of the European Research Area Board (ERAB), Member of the Board of the Committee for Research, Innovation and Technology of the German, Bundesverband der Deutschen Industrie e.V. (BDI) and chair of the Research and Development, Executive Working Group for the German Zentralverband Elektrotechnik- und Elektronikindustrie e.V. (ZVEI)



Mario Campolargo

EU Director "Emerging Technologies and Infrastructures"

Research on Future Internet - the way forward

Mário Campolargo is the Director of the "Emerging Technologies and Infrastructures" Directorate of DG-INFSo in charge of Future and Emerging Technologies, ICT based infrastructures for science as well as

ICT trust and security, experimental facilities and experimentally driven research for Future Internet. Before joining the European Commission in 1990, he worked for 12 years in the R&D Center of Portugal Telecom as a researcher and manager. He has a Degree in Electrical Engineering by the University of Coimbra, a Master of Science in Computing Science by the Imperial College London, a Post graduate in Management by the Solvay Business School in Brussels and a European Studies Diploma by the Université Catholique de Louvain-la-Neuve in Belgium.



Stefano De Panfilis

Engineering, Technical Director, NESSI

The upcoming research areas identified by NESSI

Architectures – enablers or barriers to the Future Internet?

Stefano De Panfilis is the Director of the Research & Development Laboratories Department at Engineering Ingegneria Informatica S.p.A., leading a team of about 100 research-

ers in Italy and Europe.

He graduated cum laude in Mathematics from the University of Rome "La Sapienza". In 1984, he was hired in Engineering as a software engineer. In April 1986, he became Project Manager. In July 1988, he moved to the R&D department managing the "Formal Methods" unit.

Since 1993, he has supported Engineering through the ISO-9001 compliance certificate procedure and he is currently involved in the CMM assessment process.

In April 1994, he became active in European funded R&D projects, where he coordinated QualiPSO (IST 6FP), an Integrated Project aiming at leverage Open Source Software development to widely recognised industrial standards, SeCSE (IST 6FP), an Integrated Project aiming at implement a platform to support Service-Centric Systems Engineering. Prior to these projects, he managed the CBSEnet (IST-5FP Network of Excellence), CLARiFi (IST 5FP), DOOR (ESPRIT 4FP), SQUAD (INCO-DC), and VALSE (TV&TT Initiative) projects, as well as the ENG-SODEPRO, DECO' and DOMINARE ESSI PIES (Process Improvement Experiments).

He actively participated since its beginning to the creation and setting up of the NESSI ETP of which he is the Technical Director and the Coordinator of the Strategic Research Agenda Committee.

He is currently coordinating NEXOF-RA (IST FP7), an Integrated Project aiming at building the NESSI Reference Architecture through an Open Construction Process which involves researchers from all over the world. He is also member of the Future Internet Assembly caretakers committee set-up by the European Commission. Author of several scientific papers appeared on international journals and in conferences proceedings, he is member of several international conferences Program Committees



Adam Dunkels

Networked Embedded Systems Group, SICS

adam@sics.se

Interconnecting Smart Object with IP

Adam Dunkels, PhD, is a senior researcher at the Swedish Institute of Computer Science. He is the author of the Contiki operating system and the uIP and lwIP embedded Internet communication software. His software is used in hundreds of thousands of devices

in space, on earth, and on the seven seas. He has published over 50 scientific papers on the subjects of the Internet of Things, sensor networks, and smart objects.

He has received the ACM SIGOPS EuroSys 2008 Roger Needham PhD thesis award, the 2007 Xerox Chester Carlson award, and the ERCIM Cor Baayen 2008 award. In 2009, MIT Technology Review named him one of the TR35, the top 35 innovators under the age of 35.

SPEAKERS AND PANEL CHAIRS



Frédéric Gittler

HP Labs, NESSI Chairman

**The sum is better than the parts :
implementing an ETP research agenda**

Frederic Gittler is working as senior research engineer and architect at Hewlett-Packard Laboratories (HPLB). Frederic made his entire career in Hewlett Packard, both in the United States and in Europe. Frederic has developed products and so-

lutions, delivered consulting, and participated to research in the areas of networking, security, large system architectures, and governance. As representative of HP to the NESSI Steering Committee, Frederic has been a core contributor to both the processes and the deliverables of the initiative. Since beginning of 2009 he has been unanimously elected NESSI SC Chairman.



Sergio Gusmeroli

Txt, Corporate Research Director

**Services, Content and Things: how do they
fit together?**

Sergio Gusmeroli was born in Sondrio (Italy) in 1961. He obtained a degree in IT Engineering in 1986 at Politecnico Milano with a thesis about Artificial Intelligence for Industrial Applications. After several working ex-

periences both in research and in commercial IT companies, he joined in 1995 TXT e-solutions, where he's now playing the role of Corporate Research Director. Sergio's specific research interests are in Enterprise Interoperability and Enterprise Collaboration fields, where he's now coordinating an FP7 Integrated Project named COIN (www.coin-ip.eu). Sergio is one of the animators of the Future Internet working groups in Future Internet Service Offer and Real World Internet. He's been author since 1985 of several publications to national and international conferences and journals.



David Kennedy

Chairman of the European Future Internet Initiative

**The European Internet: Emerging Markets
and Services**

David Kennedy is Director of Eurescom, a leading European organisation for managing collaborative R&D in telecommunications and providing efficient management and support of R&D projects, programmes,

and initiatives for our customers. David has a background in Telecommunications network operation and experience working with equipment manufacturers so he has a good understanding of the challenges of bringing new networks and services to the market. In recent years he has been heavily involved with European technology platforms and progressing the European competitiveness in the ICT domain. David has a particular interest in promoting work in Europe on the future Internet and is the Chairman of the European Future Internet Initiative.



Martin Körling

Ericsson, Director of Service Layer Technologies

Towards an Open Mobile Internet

Martin Körling has been with Ericsson since 1997, after having received a M.Sc. in Engineering Physics and a Ph.D. in Computational physics at the Royal Institute of Technology in Stockholm. He is currently Director of Service Layer Technologies within Ericsson

Research. Martin has been actively involved in the evolution of wireless data technologies for example within IETF. Recently, the focus has been on multimedia services and enablers, for example establishing open standards for IPTV, via the Open IPTV Forum



Gunnar Landgren

Vice President, KTH

Opening Session

Prof. Gunnar Landgren has a background in Semiconductor materials and technology at research institutes and since 1993 as professor at KTH. He has taken special interest in optoelectronics and he is co-author of more than 100 scientific publications. Since 1995 he has mainly been involved with uni-

versity and science management at KTH; initially as Head of the Electrum Laboratory, later as Vice president in charge of the KTH Kista Campus development during 1998-2004 - a part of the innovation driven public-private partnership "Kista Science City" creating one of the world's most dynamic ICT-hotspots. Since 2005 he is Vice President with responsibility for Centres of Excellence, research infrastructure and European programs serving all parts of KTH.



Joan Massó

CEO Gridsystems

**How to make money out of cloud
computing?**

Prof. Joan Massó, founder and CEO of Grid Systems, S.A. (www.gridsystems.com) and Nigulia, S.L. (www.nigulia.com), received his PhD at the University of the Balearic Islands (Mallorca, Spain) in 1992 and spent the following 4 years at the National Center

for Supercomputing Applications (Urbana, Illinois, USA) as research scientist, working with a world class team in the development of the early grid technology. In 1996, he moved to Germany and spent 3 more years at the Max Planck Institut für Gravitationsphysik (Potsdam) as Director of Supercomputing, where he created the Cactus Code, one of the world leading open source toolkits for scientific grids. He has participated in dozens of international projects and has written more than 100 papers. In 1999 he came back to his beloved home land of Mallorca as senior technical advisor to the Spanish government and Professor of theoretical physics at the Balearic Islands University. In 2000, he founded GridSystems, which is currently one of the European leaders in grid and cloud computing technology. He is also an executive member of the board of the Institute of Applied Computing and Community Code, a member of the European Commission group of experts on Cloud Computing, and he also works as an advisor to several companies in Europe. He recently founded Nigulia, a new startup for stratospheric cloud solutions.

SPEAKERS AND PANEL CHAIRS



Bashar Nuseibeh

Chief Scientist, Lero

Software Engineering Challenges for Service-Oriented Computing

Bashar Nuseibeh is Professor of Software Engineering and Chief Scientist at Lero - the Irish Software Engineering Research Centre. He is also a Professor of Computing at the Open University, UK, where he served as Director of Research (2002-2008), and a

Visiting Professor at Imperial College London and the National Institute of Informatics, Japan. Previously he was a Reader at Imperial College London and Head of its Software Engineering Laboratory. His research interests are in software requirements engineering and design, software process modelling and technology, security and privacy, and technology transfer. He has published over 130 refereed papers and consulted widely with industry, working with organisations such as the UK National Air Traffic Services (NATS), Texas Instruments, Praxis Critical Systems, Philips Research Labs, and NASA. Bashar was Editor-in-Chief of the Automated Software Engineering Journal (and currently Editor Emeritus), is incoming Editor-in-Chief of IEEE Transactions on Software Engineering (from January 2010), and a member of the Editorial Board of several other international journals. He has served as programme chair of ASE'98, RE'01, and ICSE'05, was Chair of the Steering Committee of ICSE, and is Chair IFIP Working Group 2.9 (Requirements Engineering). He received a 2002 Philip Leverhulme Prize, an ICSE'2003 Most Influential Paper award, and a Senior Research Fellowship of the Royal Academy of Engineering and Leverhulme Trust (2005-2007). He was elected a Fellow of Automated Software Engineering, and is a Fellow of the BCS and IET, and a Chartered Engineer.



Aljosa Pasic

Department Director, Atos Research & Innovation

Session NESSI General Assembly

Dr. Aljosa Pasic works as a department director in Atos Research & Innovation, based in Madrid, Spain. He graduated Information technology at Electro technical Faculty of Technical University Eindhoven, The Netherlands and has been working for Cap Gemini

(Utrecht, The Netherlands) before joining Sema Group Spain (now part of Atos Origin) in 1998. During the past ten years, he participated in many European projects in the area of security and e-government. Since 2003 he is also certified as Project Manager Professional (PMP) and is a member of several Working Groups in international organisations such as PMI, ENISA, EOS, ERCIM or IFIP. He is also the chairman of Trust, Security and Dependability Working Group of NESSI (European Technology Platform for Software & Services).



Santi Ristol

Atos Origin Innovation, INES Chairman

One year of the Future Internet: is cloud computing the new wave?

High Degree in Telecommunication Engineering, Polytechnic University of Catalonia in Barcelona (1992). Master in e-commerce by the Universitat Ramon Llull (2000). He joined Atos Origin Spain in 1992 (since

1994 in R&D Projects), currently he is Business Director leading the Services Area in Atos Research & Innovation. This area includes all R&D&i activities related to Grid & Cloud Computing technologies, Semantic technologies, Software & Services Engineering, Open Source, Innovation, Green IT and eTourism.

He is currently President of the Spanish Technology Platform INES (National Initiative for Software & Services - www.ines.org.es) and Vice-Chair of the Steering Committee of the European Technology Platform NESSI (Networked European Software & Services Initiative - www.nessi-europe.com). He has participated in many European R&D Projects in FP7, FP6 and FP5, primarily as Project Coordinator (SOA4All, BEinGRID, TrustCoM, CHALLENGERS, ELEGI, CROSSWORK, ASSESSGRID, COREGRID, INFRAWEB, IMMEDIATE, VIP-DATA, GRASP, DISRUPT-IT, PROMINENCE, METACAMPUS REAL, METACAMPUS, AMIES, OPTIM, SMARTMAN, ?).

A representative example is the project BEinGRID Business Experiments in GRID; with 97 partners and 25M€ budget, is not only the European's Union largest integrated project funded in ICT in FP6, but the reference initiative in Europe to establish effective routes to foster the adoption of Grid technologies.



Staffan Truvé

PhD, CEO, SICS

Ambient Sweden - an introduction

Staffan Truvé, computer scientist and entrepreneur with a background from Chalmers and MIT. Managing Director of SICS (Swedish Institute of Computer Science), chairman of the Interactive Institute, and Vice President of Swedish ICT Research. Member of the Swedish Royal

Academy of Engineering Sciences (IVA). Staffan got his PhD in 1992 in Computer Science at Chalmers and has since then worked on the border between research and commercialization. He is the co-founder of a number of high-tech companies, including Spotfire, Appgate, Pilotfish and Makewave. Staffan is chairman of the Ambient Sweden project, which is being run by IVA together with several Swedish companies, government agencies and organizations.

Speaker à rajouter Yaron Wolfsthal, IBM session NESSI General Assembly



Yaron Wolfsthal

Senior Manager, IBM Haifa Laboratory

Session NESSI General Assembly

Dr. Yaron Wolfsthal is responsible for Systems Research at the IBM Haifa Laboratory in Israel, leading a department of 100 researchers working on strategic systems software projects in the areas of cloud computing, data storage and supporting tools. His missions include setting strate-

gic directions and initiating and leading research efforts in these areas. He is a Senior Member of IEEE and holds a BsC, MsC and PhD degrees in computer science, all from the Technion - Israel Institute of Technology. He has over 30 refereed publications and several patents. Dr. Wolfsthal is Vice Chair of the NESSI Board

COMMITTEES

General Chairs

ICSOC - **Mohand-Said Hacid** (Université de Lyon, UCBL, France)
ServiceWave - Mr. **Fernando Fournon** (CEO of Telefónica R&D Labs, Spain)
KTH (Hosting partner) - **Gunnar Landgren** (Vice-President, KTH, Sweden)

Steering Committee – Scientific Programme

Programme Committee Chairs

Luciano Baresi (Politecnico di Milano, Italy)
Chi-Hung Chi (Tsinghua University, China)
Jun Suzuki (U. of Massachusetts, Boston, U.S.A.)

Steering Committee Members - ICSOC

Boualem Benatallah (UNSW, Australia)
Fabio Casati (University of Trento, Italy)
Paco Curbera (IBM Research, USA)
Asit Dan (IBM Research, USA)
Bernd Kraemer (Fernuniversitaet Hagen)
Mike Papazoglou (Tilburg University, The Netherlands - acting Chair)
Paolo Traverso (ITC-IRST, Italy)

Steering Committee Members - ServiceWave

Guillermo Cisneros (UPM/ETSIT, Spain)
Carlo Ghezzi (Politecnica di Milano, Italy)
Klaus Pohl (Univ. Duisburg/Essen, Germany)
Thierry Priol (INRIA, France)
Theodora Varvarigou (NTUA, Greece)

Scientific Program Committee

Marco Aiello University of Groningen, Netherlands
Alvaro Arenas STFC Rutherford Appleton Laboratory, UK
Alistair Barros SAP, Australia
Samik Basu Iowa State University U.S.A.
Boualem Benatallah University of New South Wales, Australia
Salima Benbernou University of Lyon, France
Djamal Benslimane University of Lyon, France
Elisa Bertino Purdue University, U.S.A.
Antonia Bertolino CNR, Italy
Walter Binder University of Lugano Switzerland
Athman Bouguettaya CSIRO, Australia
Christoph Bussler BEA, U.S.A.
Barbara Carminati University of Insubria Italy
Manuel Carro Polytechnic University of Madrid, Spain
Fabio Casati Univ. of Trento, Italy
Shiping Chen CSIRO Australia
Lawrence Chung University of Texas, Dallas U.S.A.
Emmanuel Coquery Université Claude Bernard Lyon
Paco Curbera IBM Research, U.S.A.
Vincenzo D'Andrea Univ. of Trento, Italy
Flavio De Paoli Università di Milano, Bicocca, Italy
Frederic Desprez INRIA
Elisabetta Di Nitto Politecnico di Milano, Italy
Khalil Drira LAAS, Toulouse, France
Schahram Dustdar University of Technology Vienna, Austria
Elena Ferrari University of Insubria Italy
Ioannis Fikouras Ericsson, Sweden

Howard Foster Imperial College, UK
Hiroaki Fukuda Keio University, Japan
Dragan Gašević Athabasca University, Canada
Carlo Ghezzi Politecnico di Milano, Italy
Paolo Giorgini Univ. of Trento, Italy
Jeff Gray University of Alabama at Birmingham, U.S.A.
Mohand-Said Hacid University of Lyon
Valerie Issarny INRIA France
Jan J. Jens The Open University, UK
Ricardo Jimenez-Peris Technical University of Madrid, Spain
Dimka Karastoyanova Univ. of Stuttgart Germany
Soo Dong Kim Soongsil University Seoul Korea
Jana Koehler IBM Zurich Research Lab Switzerland
Bernd Kraemer Fernuniversitaet Hagen, Germany
Patricia Lago Free Univ. Amsterdam, Netherlands
Winfried Lamersdorf University of Hamburg
Alexander Lazovik University of Groningen
Frank Leymann University of Stuttgart, Germany
Qianhui (Althea) Liang Singapore Management University, Singapore
Shiyong Lu Wayne State University U.S.A.
Heiko Ludwig IBM Research, U.S.A.
Neil Maiden City University London, UK
Esperanza Marcos Univ. Juan Rey Carlos, Spain
Michael Maximilien IBM Almaden, U.S.A.
Massimo Mecella Università di Roma, Italy
Nikola Milanovic Berlin University of Technology Germany
Michael Mrissa University of Lyon
Christos Nikolaou University of Crete, Greece
Olga Ormandjieva Concordia University Canada
Michael Parkin Tilburg University, Netherlands
Marco Pistore FBK, Center for Information Technology - IRST, Italy
Wolfgang Reisig Humboldt University, Berlin, Germany
Colette Roland University Paris 1, France
S. Masoud Sadjadi Florida International University U.S.A.
Jakka Sairamesh CITRI Univ. of California, Berkeley
Ignacio Silva-Lepe IBM
George Spanoudakis City University London
Bruce Spencer National Research Council Canada
Stefan Tai Univ. of Karlsruhe, Germany
Kenji Takahashi NTT Japan
Farouk Toumani Blaise Pascale University, Clermont Ferrand, France
Paolo Traverso FBK, Center for Information Technology - IRST, Italy
Jos van Hillegersberg University of Twente, Netherlands
Changzhou Wang Boeing Phantom Works U.S.A.
Michael Weiss Carleton University, Canada
Mathias Weske Hasso Platner Institute, Potsdam, Germany
Andreas Wombacher University of Twente Netherlands
Chou Wu Avaya Laboratory U.S.A.
Ramin Yahyapour, University of Dortmund
Jian Yang Macquarie University, Australia
Yelena Yesha University of Maryland, U.S.A.
Weider D. Yu San Jose State University U.S.A.
Jia Zhang Northern Illinois University U.S.A.
Yan Zheng Nokia Research Finland
Andrea Zisman City University London, UK
Joe Zou IBM, Australia

COMMITTEES

Steering Committee – Industrial Program

Industry Program Chairs

Stefano De Panfilis (Engineering Ingegneria Informatica, Italy)

Santi Ristol (ATOS Origin, Spain)

Steering Committee Members

Didier Bourse (Alcatel-Lucent, France)

Wolfgang Gerteis (SAP, Germany)

David Kennedy (Eurescom, Germany)

Workshops Chairs

Asit Dan (IBM Research, U.S.A.)

Frédéric Gittler (HP Labs) - Application Workshop Chair

Farouk Toumani (Université Blaise Pascal, France)

PhD Symposium Chairs

Florian Daniel (University of Trento, Italy)

Fethi Rabhi (UNSW, Australia)

Demonstration Chairs

Hamid Motahari (HP, U.S.A.)

Julien Vayssiere (CRC, Australia)

Demonstration Program Committee

Claudio Bartolini (HP Labs, U.S.A.)

Francisco Curbera (IBM Research, U.S.A.)

Vincenzo D'Andrea (University of Trento, Italy)

Gero Decker (Hasso Plattner Institute, Germany)

Keith Duddy (Queensland University of Technology, Australia)

Marlon Dumas (University of Tartu, Estonia)

Brian Elvesaeter (SINTEF, Norway)

Howard Foster (Imperial College London, UK)

Max Muhlhaeuser (Technische Universität Darmstadt, Germany)

Anna Liu (University of New South Wales, Australia)

Wasim Sadiq (SAP Research, Australia)

Halvard Skogsrud (ThoughtWorks, Australia)

Stefan Tai (University of Karlsruhe, Germany)

Rainer Ruggaber (SAP Research, Germany)

Liangzhao Zeng (IBM Research, U.S.A.)

Publicity Chairs

Fuyuki Ishikawa (NII, Japan)

Hamamache Kheddouci (Université de Lyon, UCBL, France)

Weider Yu (San Jose State University, U.S.A.)

Andrea Zisman (City University, UK)

Conference organisation

Coordination

Véronique Pevtschin (Engineering Ingegneria Informatica, Italy)

Gunnar Landgren (KTH)

Team

Bruno François-Marsal, Thales

Sophie Debeck, Thales

Rikard Lingström, KTH

Bernd Krämer, ServTech

Samir Sebahi, Webmaster – Lyon University

Barbara Pirillo, Engineering Ingegneria Informatica

Mike Papazoglou, University Tilburg

Sponsoring

Bruno François-Marsal, Thales

ATTENDEES (BY AFFILIATION)

As of 9/11/2009

Affiliation	Attendee
Aalborg University	Mr. Joseph Okika , Denmark
Aalto University, TKK, Software Business and Engineering Institute	Ms. Mika Helenius , Finland
Aarhus University	Prof. Weishan Zhang , Denmark
ACM, IEEE	Mr. Harald Wesenberg , Norway
Alcatel-Lucent	Mr. Didier Bourse , France Mr. Hong-Yon Lach , France
Answer	Mr. Tonny Velin , Spain
Athens University of Economics and Business	Prof. George Stamoulis , Greece
Atos Origin	Mr. James Ahtes , Spain Ms. Nuria De Lama , Spain Ms. Karita Luokkanen-Rabetino , Spain Mr. Josep Martrat Sotil , Spain Mr. Francisco Javier Nieto , Spain Mr. Aljosa Pasic , Spain Mr. Santi Ristol , Spain
Atos Origin, Avustu	Mr. Tarry Singh , Spain
Axiomatics AB	Mr. Erik Rissanen , Sweden
Bianor Services EOOD, VAT ID: BG175044321	Mr. Vladislav Jivkov , Bulgaria
BicNET	Ms. Kathrin Jaenicke , Sweden
BME Centre of Public Administration's IT (BME IK)	Mr. László Bacsa , Hungary
BME IK	Dr. Károly Kondorosi , Hungary
BT	Mr. Theo Dimitrakos , United Kingdom
BT Innovate & Design	Mr. David Jean Olivier Brossard , United Kingdom
Centre for Service Research, University of Manchester	Dr. Nikolay Mehandjiev , United Kingdom
CESGA	Mr. Andres Gomez , Spain
CETIC	Mr. Simon Alexandre , Belgium Mr. Michaël Van de Borne , Belgium
CIN/UFPE	Dr. Nelson Rosa , Brazil
CINECA	Dr. Sergio Bernardi , Italy
CITT	Dr. Rainer von Ammon , Germany
City University	Dr. Norbert Seyff , United Kingdom Dr. Andrea Zisman , United Kingdom
CSIRO	Dr. Athman Bouguettaya , Australia
CSIRO ICT Centre	Dr. Xuan Zhou , Australia
DERI, National University of Ireland, Galway	Mr. Knud Möller , Ireland
Deutsche Telekom Laboratories	Ms. Marten Schoenherr , Germany
Dexels BV	Dr. Arjen Schoneveld , The Netherlands
Dipartimento di Informatica, Università di Pisa	Prof. Antonio Brogi , Italy Mr. Alberto Lluch Lafuente , Italy
DIS, Sapienza Univ. Roma	Mr. Giuseppe De Giacomo , Italy
Dortmund University of Technology	Mr. Costas Kotsokalis , Germany
E-Finance Lab/ Technische Universitaet Darmstadt	Mr. André Miede , Germany
Engineering Ingegneria Informatica	Mr. Stefano De Panfilis , Italy Mr. Lanfranco Marasso , Italy Ms. Veronique Pevtschin , Belgium Ms. Barbara Pirillo , Italy
EPCC, The University of Edinburgh	Mr. Konstantinos Kavoussanakis , United Kingdom

Affiliation	Attendee
Ericsson	Mr. Göran AP Eriksson , Sweden Mr. Dan Fahrman , Sweden Mr. Martin Körling , Sweden Mr. Roman Levenshteyn , Sweden Mr. Ulf I Olsson , Sweden
Ericsson GmbH	Mr. Jörg Niemöller , Germany
ERISS, Tilburg University	Mr. Vasilios Andrikopoulos , The Netherlands
ESEO	Prof. Slimane Hammoudi , France
ETRI	Dr. Kilhwan Kim , Republic of Korea Mr. Byeong-ok Kwak , Republic of Korea
ETSI	Mr. Patrick Guillemin , France
Eurescom GmbH	Mr. David Kennedy , Germany
European Commission	Mr. Paolo Bresciani , Belgium Mr. Mario Campolargo , Belgium Ms. Anne-Marie Sassen , Belgium
European Software Institute	Dr. Jason Mansell , Spain
Fernuniversität in Hagen	Prof. Bernd Krämer , Germany
Fondazione Bruno Kessler	Mr. Antonio Bucchiarone , Italy Ms. Annapaola Marconi , Italy Mr. Marco Pistore , Italy Ms. Adina Sirbu , Italy Ms. Asli Zengin , Italy
Fondazione Bruno Kessler - IRST	Dr. Paolo Traverso , Italy
Fraunhofer Fokus	Mr. Ranganai Chaparadza , Germany Mr. Nikolay Tcholtchev , Germany
Fraunhofer IAO	Mr. Kresimir Vidackovic , Germany
Fraunhofer SCAI	Mr. Ottmar Krämer-Fuhrmann , Germany
Fraunhofer SIT	Mr. Julian Schütte , Germany
Fraunhofer-Institut fuer Software- und Systemtechnik ISST	Dr. Walter Mattauch , Germany Prof. Herbert Weber , Germany
FT-Orange	Mr. Vincent Boutroux , France Mr. Remi Raffard , France
Fudan University	Prof. Liang Zhang , China
Fundacion TEKNIKER	Ms. Irene Lopez de Vallejo , Spain
FZI at the University of Karlsruhe	Dr. Nenad Stojanovic , Germany
	Mr. Alexander Lenk , Germany
GERRY WEBER International AG	Mr. Ralph Tröger , Germany
Goethe University Frankfurt	Dr. Michael Schwind , Germany
Gridsystems	Mr. Joan Masso , Spain
Hasso-Plattner-Institut	Mr. Ahmed Awad , Germany Mr. Juergen Mueller , Germany
Hasso-Plattner-Institut/ Universität Potsdam	Mr. Sergey Smirnov , Germany Mr. Tobias Vogel , Germany
High Performance Computing Center Stuttgart (HLRS)	Mr. Bastian Koller , Germany
HP	Mr. Bryan Stephenson , United States
HP Labs	Mr. Frédéric Gittler , France
HP Labs, USA	Dr. Hamid Reza Motahari Nezhad , United States
IBM	Mr. Elmar Husmann , Germany Mr. Jim Laredo , United States Dr. Daniel Oppenheim , United States Mr. James Rhodes , United States Ms. Revathi Subramanian , United States Mr. Yaron Wolfsthal , Israel
IBM R&D Labs in Israel	Ms. Vicky Tommer , Israel
IBM Research	Mr. Francisco Curbera , United States Mr. Xin Zhang , China

ATTENDEES (BY AFFILIATION)

Affiliation	Attendee
IBM Research - India	Ms. Renuka Sindhgatta , India
IBM Rueschlikon	Mr. Jan Camenisch , Switzerland
IBM TJ Watson Research Center	Dr. Rick Hull , United States Mr. Kyriakos Karenos , United States
IC Focus	Ms. Man-Sze Li , United Kingdom
Imperial College London	Dr. Howard Foster , United Kingdom
INRIA	Prof. Jean-Pierre Banâtre , France Mr. Alain BOULZE , France Mr. Michel Cezon , France Mr. Bruno LeDantec , France Mr. Adrian Mos , France Dr. Christian Perez , France Dr. Thierry Priol , France Mr. Guillaume Vaudaux-Ruth , France
Institute of Architecture of Application Systems, University of Stuttgart	Mr. Tobias Unger , Germany
Institute of Mathematics and Informatics	Prof. Gintautas Dzemyda , Lithuania
IT Innovation	Mr. Mike Boniface , United Kingdom Dr. Mike Surridge , United Kingdom Dr. Colin Upstill , United Kingdom
Karlsruhe Institute of Technology	Dr. Sudhir Agarwal , Germany Mr. Raffael Stein , Germany Dr. Christian Zirpins , Germany
KTH - Royal Institute of Technology	Prof. Gunnar Landgren , Sweden Dr. Rikard Lingström , Sweden Prof. Pontus Johnson , Sweden
Lancaster University	Dr. Rosebella Kotonya , United Kingdom
Legal researcher	Mr. Davide Parrilli , Belgium
LERO University	Mr. Bashar Nuseibeh , Ireland
Macquarie University	Mr. Lei Li , Australia
Martins Consult	Ms. Paula Hack , United States
MCM University of St. Gallen	Prof. Katarina Stanoevska-Slabeva , Switzerland
MTA SZTAKI	Mr. András Micsik , Hungary
National Institute of Informatics	Ms. Fuyuki Ishikawa , Japan
National Institute of Information and Communications Technology (NICT), Japan	Dr. Donghui Lin , Japan Mr. Toshiaki Suzuki , Japan
National University of Ireland, Galway - Digital Enterprise Research Institute	Mr. Nikolaos Loutas , Ireland
Nederlandse Organisatie voor Wetenschappelijk Onderzoek	Mr. Sjoerd Meihuizen , The Netherlands
Network Engineer	Mr. Anastasios Zafeiropoulos , Greece
NICT	Mr. Kazuhiro Otsuki , Japan
OFFIS - Institut für Informatik	Mr. Steffen Kruse , Germany Mr. Ulrike Steffens , Germany
Open University	Mr. Ayman Mahfouz , United States
Otto von Guericke University	Mr. Muhammad Ateeq Khan , Pakistan
Politecnico di Milano	Prof. Luciano Baresi , Italy Mr. Luca Cavallaro , Italy Mr. Alexandre Mello Ferreira , Italy Ms. Liliana Pasquale , Italy Prof. Barbara Pernici , Italy Mr. Pierluigi Plebani , Italy
Prague University of Economics	Prof. George Feuerlicht , Czech Republic
PT PRIMTEX-PRIMA INFOSARANA	Ms. Nilla Herlinda , Indonesia
Research Scientist	Mr. Gøran K. Olsen , Norway

Affiliation	Attendee
Rila Solutions EAD	Dr. Valentin Pavlov , Bulgaria
RMIT University, Melbourne, Australia	Mr. Vidura Gamini Abhaya , Australia
Robert Bosch GmbH, CR/AEA3	Mr. Christian Beckel , Germany
Royal institute of Technology	Prof. Paul Johannesson , Sweden
SAP (UK) Limited	Mr. Sergio Pacheco-Sanchez , United Kingdom
SAP AG	Mr. Tobias Nestler , Germany Mr. Matthias Winkler , Germany
SAP Research	Mr. Volker Hoyer , Switzerland Mr. Marcel Muth , Germany
SAP Research (SAP AG)	Mr. Matthias Allgaier , Germany
SAP Research CEC Belfast - SAP UK Limited	Dr. Syed Wasif Gilani , United Kingdom
SAP UK Ltd.	Mr. Ulrich Winkler , United Kingdom
Seoul National University	Prof. Jorn Altmann , Korea, Republic of
Seoul National University	Mr. Marcel Risch , Germany
Sics	Mr. Adam Dunkels , Sweden Dr. Staffan Truvé , Sweden
Siemens	Dr. Reinhold Achatz , Germany Mr. Marquart Franz , Germany
SINTEF	Dr. Parastoo Mohagheghi , Norway
Sintef	Mr. Ovidiu Vermesan , Norway
SINTEF ICT	Mr. Bjørn Skjellaug , Norway
Smart Services CRC	Dr. Julien Vayssiere , Australia
Software AG	Dr. Walter Waterfeld , Germany
Software Institute, School of Electronic Engineering and Computer Science, Peking University	Dr. Ge Li , China
Soongsil University	Prof. Soo Dong Kim , Republic of Korea Ms. Hyun Jung La , Republic of Korea
Springer-Verlag	Mr. Ralf Gertsner , Germany
STI Innsbruck	Ms. Nathalie Steinmetz , Austria
Student	Mr. Julio Damasceno , Brazil
Swedish Institute of Computer Science (SICS)	Mr. Tomas Olsson , Sweden
Swinburne University of Technology	Dr. Qiang He , Australia
Sync Lab srl	Mr. Ferdinando Campanile , Italy Mr. Giovanni Laudicina , Italy
Technische Universität Berlin	Mr. Andre Höing , Germany
Telcordia Poland	Ms. Monika Grajzer , Poland
Telefónica I+D	Mr. Nikolaos Tsouroulas , Spain
Thales	Mr. Ivo Bettens , Belgium Mr. Pascal Bisson , France Mr. Kumardev Chatterjee , Belgium Dr. Maria Agustina Cibrán , Belgium Mr. Bruno François-Marsal , France Mr. Daniel Gidoin , France Ms. Julie Margueritte , France Mr. Hervé Moreau , Belgium Mr. Bruno Nouzille , France Mr. Daniel Pays , France
Thales (MODELPLEX)	Dr. Sébastien Praud , France
Thales IS Belgium	Ms. Sophie Debeck , Belgium
The 451 Group	Mr. John Barr , United Kingdom
The National Research and Education Network of Bulgaria	Mrs. Sylvia Ilieva , Bulgaria
The University of Aizu	Mr. Haruhiko Takada , Japan
The University of Manchester	Dr. Usman Wajid , United Kingdom

ATTENDEES (BY AFFILIATION)

Affiliation	Attendee
TIE	Mr. Stuart Campbell , The Netherlands Mr. Jan Sundelin , The Netherlands
Tilburg University	Mr. Michele Mancioffi , The Netherlands Prof. Mike Papazoglou , The Netherlands
TNO	Mr. Miroslav Zivkovic , The Netherlands
Trinity College Dublin	Mr. Razvan Popescu , Ireland
Tsinghua University	Mr. Yue Tan , China
T-Systems	Dr. Christian Simmendinger , Germany
TU Delft	Mr. Michaela Simona Greiler , The Netherlands
TU Ilmenau, FG Informations- und Wissensmanagement	Prof. Dirk Stelzer , Germany
TU München	Dr. Florian Matthes , Germany
TU Vienna	Mr. Schahran Dustdar , Austria Prof. Schahram Dustdar , Austria Mr. Philipp Leitner , Austria
TXT e-solutions SPA	Mr. Sergio Gusmeroli , Italy
UCSB	Dr. Sylvain Halle , Canada
Universidad de Sevilla	Dr. Manuel Resinas , Spain
Università degli Studi di Milano-Bicocca	Dr. Marco Comerio , Italy
Università degli Studi di Trento	Dr. Stephan Neuhaus , Italy
Università di Milano-Bicocca	Prof. Flavio De Paoli , Italy
Universitaet Rostock	Prof. Karsten Wolf , Germany
Universitat Politècnica de Catalunya (UPC)	Mr. Marc Oriol Hilari , Spain
Université Claude Bernard Lyon	Prof. Mohand-Said Hacid , France
University Duisburg-Essen	Ms. Vanessa Stricker , Germany
University of Aizu	Prof. Incheon Paik , Japan
University of Augsburg	Mr. Dominik Birkmeier , Germany Mr. Adrian Klein , Germany
University of Bern, IWI	Ms. Susanne Patig , Switzerland
University of Birmingham	Ms. Nicolette Evans , United Kingdom
University of Castilla - La Mancha	Mr. Andrea Delgado , Spain
University of Duisburg Essen	Mr. Andreas Gehlert , Germany Mr. Andreas Metzger , Germany Prof. Klaus Pohl , Germany
University of Girona	Ms. Beatriz Lopez , Spain
University of Groningen	Mr. Pavel Bulanov , The Netherlands Ms. Elena Lazovik , The Netherlands Dr. Alexander Lazovik , The Netherlands
University of Hamburg	Ms. Sonja Zaplata , Germany
University of Hamburg, MIN/ Informatik/VSIS	Prof. Winfried Lamersdorf , Germany
University of Helsinki	Dr. Alex Norta , Finland
University of Hohenheim	Dr. Joerg Leukel , Germany
University of Leicester	Dr. Stephan Reiff-Marganiec , United Kingdom
University of Leipzig	Dr. André Ludwig , Gambia
University of Pisa	Ms. Thaizel Caridad Fuentes Martinez , Italy
University of Sevilla	Mr. Pablo Fernandez , Spain Mr. Carlos Müller , Spain
University of Skövde	Dr. Mikael Berndtsson , Sweden
University of South Australia	Prof. Markus Stumptner , Australia
University of St. Gallen	Dr. Stephan Aier , Switzerland

Affiliation	Attendee
University of Stuttgart	Mr. Tobias Markus Anstett , Germany Prof. Dimka Karastoyanova , Germany Mr. Mirko Sonntag , Germany
University of Telecommunications	Mr. Marcos Aliu Cande , Guinea-Bissau
University of Tokyo	Mr. Daisaku Yokoyama , Japan
University of Trento	Mr. Marcos Baez , Italy Mr. Fabio Casati , Italy Mr. Florian Daniel , Italy
University of Twente	Dr. Luís Ferreira Pires , The Netherlands Mr. Eduardo Silva , The Netherlands Mr. Ingo Wassink , The Netherlands
Univerza Mariboru	Mr. Gregor Polancic , Slovenia
UPM	Prof. Manuel Carro , Spain Mr. Dragan Ivanovic , Spain
Utrecht University, Sogeti	Ms. Marlies Van Steenberghe , The Netherlands
VELTI S.A.	Mr. Vassilios Kaldanis , Greece
Vienna University of Technicology	Mr. Martin Treiber , Austria Dr. Hong-Linh Truong , Austria
Vilnius	Mrs. Dzemyda , Lithuania
Vrije University	Mr. DeJun Jiang , The Netherlands
VU University Amsterdam	Ms. Maryam Razavian , The Netherlands
Wuhan University	Ms. Haifeng Li , China Ms. Chancelia Ben Suaze Benabio Lanchonon , Morocco Mr. Koichi Kinoshita , Japan

ATTENDEES (ALPHABETICAL)

As of 9/11/2009

Dr. **Reinhold Achatz**, Siemens, Germany

Dr. **Sudhir Agarwal**, Karlsruhe Institute of Technology, Germany

Mr. **James Ahtes**, Atos Origin, Spain

Dr. **Stephan Aier**, University of St. Gallen, Switzerland

Mr. **Simon Alexandre**, CETIC, Belgium

Mr. **Matthias Allgaier**, SAP Research (SAP AG), Germany

Prof. **Jorn Altmann**, Seoul National University, Korea, Republic Of

Mr. **Vasilios Andrikopoulos**, ERISS, Tilburg University, The Netherlands

Mr. **Tobias Markus Anstett**, University of Stuttgart, Germany

Mr. **Ahmed Awad**, Hasso-Plattner-Institut, Germany

Mr. **László Bacsa**, BME Centre of Public Administration's IT (BME IK), Hungary

Mr. **Marcos Baez**, University of Trento, Italy

Prof. **Jean-Pierre Banâtre**, INRIA, France

Prof. **Luciano Baresi**, Politecnico di Milano, Italy

Mr. **John Barr**, The 451 Group, United Kingdom

Mr. **Christian Beckel**, Robert Bosch GmbH, CR/AEA3, Germany

Ms. **Chancelia Ben Suaze Benabio Lanchonon**, Morocco

Dr. **Sergio Bernardi**, CINECA, Italy

Dr. **Mikael Berndtsson**, University of Skövde, Sweden

Mr. **Ivo Bettens**, Thales, Belgium

Mr. **Dominik Birkmeier**, University of Augsburg, Germany

Mr. **Pascal Bisson**, Thales, France

Mr. **Mike Boniface**, IT Innovation, United Kingdom

Dr. **Athman Bouguettaya**, CSIRO, Australia

Mr. **Alain BOULZE**, INRIA, France

Mr. **Didier Bourse**, Alcatel-Lucent, France

Mr. **Vincent Boutroux**, FT-Orange, France

Mr. **Paolo Bresciani**, European Commission, Belgium

Prof. **Antonio Brogi**, Dipartimento di Informatica, Università di Pisa, Italy

Mr. **David Jean Olivier Brossard**, BT Innovate & Design, United Kingdom

Mr. **Antonio Bucchiarone**, Fondazione Bruno Kessler, Italy

Mr. **Pavel Bulanov**, University of Groningen, The Netherlands

Mr. **Jan Camenisch**, IBM Rueschlikon, Switzerland

Mr. **Ferdinando Campanile**, Sync Lab srl, Italy

Mr. **Stuart Campbell**, TIE, The Netherlands

Mr. **Mario Campolargo**, European Commission, Belgium

Mr. **Marcos Aliu Cande**, University of Telecommunications, Guinea-Bissau

Mr. **Manuel Carro**, Professor, UPM, Spain

Mr. **Fabio Casati**, University of Trento, Italy

Mr. **Luca Cavallaro**, Politecnico di Milano, Italy

Mr. **Michel Cezon**, INRIA, France

Mr. **Ranganai Chaparadza**, Fraunhofer Fokus, Germany

Mr. **Kumardev Chatterjee**, THALES, Belgium

Dr. **Maria Agustina Cibran**, THALES, Belgium

Dr. **Marco Comerio**, Università degli Studi di Milano-Bicocca, Italy

Mr. **Francisco Curbera**, IBM Research, United States

Mr. **Julio Damasceno**, Student, Brazil

Mr. **Florian Daniel**, University of Trento, Italy

Mr. **Giuseppe De Giacomo**, DIS, Sapienza Univ. Roma, Italy

Ms. **Nuria De Lama**, Atos Origin, Spain

Mr. **Stefano De Panfilis**, Engineering Ingegneria Informatica, Italy

Prof. **Flavio De Paoli**, Università di Milano-Bicocca, Italy

Ms. **Sophie Debeck**, Thales IS Belgium, Belgium

Mr. **Andrea Delgado**, University of Castilla - La Mancha, Spain

Mr. **Theo Dimitrakos**, BT, United Kingdom

Mr. **Adam Dunkels**, SICS, Sweden

Mr. **Schahran Dustdar**, TU Vienna, Austria

Prof. **Schahram Dustdar**, TU Vienna, Austria

Mrs. **Dzemyda**, Vilnius, Lithuania

Prof. **Gintautas Dzemyda**, Institute of Mathematics and Informatics, Lithuania

Mr. **Göran AP Eriksson**, Ericsson, Sweden

Ms. **Nicolette Evans**, University of Birmingham, United Kingdom

Mr. **Dan Fahrman**, Ericsson, Sweden

Mr. **Pablo Fernandez**, University of Sevilla, Spain

Dr. **Luís Ferreira Pires**, University of Twente, The Netherlands

Prof. **George Feuerlicht**, Prague University of Economics, Czech Republic

Dr. **Howard Foster**, Imperial College London, United Kingdom

Mr. **Bruno François-Marsal**, THALES, France

Mr. **Marquart Franz**, Siemens, Germany

Ms. **Thaizel Caridad Fuentes Martinez**, University of Pisa, Italy

Mr. **Vidura Gamini Abhaya**, RMIT University, Melbourne, Australia, Australia

Mr. **Andreas Gehlert**, University of Duisburg Essen, Germany

Mr. **Ralf Gertsner**, Springer-Verlag, Germany

Mr. **Daniel GIDOIN**, THALES, France

Dr. **Syed Wasif Gilani**, SAP Research CEC Belfast, SAP UK Limited, United Kingdom

Mr. **Frédéric Gittler**, HP Labs, France

Mr. **Andres Gomez**, CESGA, Spain

Ms. **Monika Grajzer**, Telcordia Poland, Poland

Mr. **Michaela Simona Greiler**, Tu Delft, The Netherlands

Mr. **Patrick Guillemain**, ETSI, France

Mr. **Sergio Gusmeroli**, TXT e-solutions SPA, Italy

Prof. **Mohand-Said Hacid**, Université Claude Bernard Lyon, France

Ms. **Paula Hack**, Martins Consult, United States

Dr. **Sylvain Halle**, UCSB, Canada

Prof. **Slimane Hammoudi**, ESEO, France

Dr. **Qiang He**, Swinburne University of Technology, Australia

Ms. **Mika Helenius**, Aalto University, TKK, Software Business and Engineering Institute, Finland

Ms. **Nilla Herlinda**, PT PRIMTEX-PRIMA INFOSARANA, Indonesia

Mr. **Andre Höing**, Technische Universität Berlin, Germany

Mr. **Volker Hoyer**, SAP Research, Switzerland

Dr. **Rick Hull**, IBM TJ Watson Research Center, United States

Mr. **Elmar Husmann**, IBM, Germany

Mrs. **Sylvia Ilieva**, The National Research and Education Network of Bulgaria, Bulgaria

Ms. **Fuyuki Ishikawa**, National Institute of Informatics, Japan

Mr. **Dragan Ivanovic**, UPM, Spain

Ms. **Kathrin Jaenicke**, BiccNET, Sweden

Mr. **DeJun Jiang**, Vrije University, The Netherlands

Mr. **Vladislav Jivkov**, Bianor Services EOOD, VAT ID: BG175044321, Bulgaria

Prof. **Paul Johannesson**, Royal Institute of Technology, Sweden

Prof. **Pontus Johnson**, KTH - Royal Institute of Technology, Sweden

Mr. **Vassilios Kaldanis**, VELTI S.A., Greece

Prof. **Dimka Karastoyanova**, University of Stuttgart, Germany

Mr. **Kyriakos Karenos**, IBM TJ Watson Research Center, United States

Mr. **Konstantinos Kavoussanakis**, EPCC, The University of Edinburgh, United Kingdom

Mr. **David Kennedy**, Eurescom GmbH, Germany

Mr. **Muhammad Ateeq khan**, Otto von Guericke University, Pakistan

Dr. **Kilhwon Kim**, ETRI, Republic Of Korea

Prof. **Soo Dong Kim**, Soongsil University, Republic Of Korea

Mr. **Koichi Kinoshita**, Japan

Mr. **Adrian Klein**, University of Augsburg, Germany

Mr. **Bastian Koller**, High Performance Computing Center Stuttgart (HLRS), Germany

Dr. **Károly Kondorosi**, BME IK, Hungary

Mr. **Martin Körling**, Ericsson, Sweden

Dr. **Rosebella Kotonya**, Lancaster University, United Kingdom

Mr. **Costas Kotsokalis**, Dortmund University of Technology, Germany

Prof. **Bernd Krämer**, Fernuniversität in Hagen, Germany

Mr. **Ottmar Krämer-Fuhrmann**, Fraunhofer SCAI, Germany

Mr. **Steffen Kruse**, OFFIS - Institut für Informatik, Germany

Mr. **Byeong-ok Kwak**, ETRI, Republic Of Korea

Ms. **Hyun Jung La**, Soongsil University, Republic Of Korea

Mr. **Hong-Yon Lach**, Alcatel-Lucent, France

Prof. **Winfried Lamersdorf**, University of Hamburg, MIN/Informatik/VIS, Germany

Prof. **Gunnar Landgren**, KTH, Sweden

Mr. **Jim Laredo**, IBM, United States

Mr. **Giovanni Laudicina**, Sync Lab srl, Italy

Ms. **Elena Lazovik**, University of Groningen, The Netherlands

Dr. **Alexander Lazovik**, University of Groningen, The Netherlands

Mr. **Bruno LeDante**, INRIA, France

Mr. **Philipp Leitner**, TU Wien, Austria

Mr. **Alexander Lenk**, FZI Forschungszentrum Informatik, Germany

Dr. **Joerg Leukel**, University of Hohenheim, Germany

Mr. **Roman Levenshteyn**, Ericsson, Sweden

Mr. **Lei Li**, Macquarie University, Australia

Dr. **Ge Li**, Software Institute, School of Electronic Engineering and Computer Science, Peking University, China

Ms. **Man-Sze Li**, IC Focus, United Kingdom

Ms. **Haifeng Li**, Wuhan University, China

Dr. **Donghui Lin**, National Institute of Information and Communications Technology (NICT), Japan,

Dr. **Rikard Lingström**, KTH, Sweden

Mr. **Alberto Lluch Lafuente**, Dipartimento di Informatica, Università di Pisa, Italy

Ms. **Beatriz Lopez**, University of Girona, Spain

Ms. **Irene Lopez de Vallejo**, Fundacion TEKNIKER, Spain

ATTENDEES (ALPHABETICAL)

Mr. **Nikolaos Loutas**, National University of Ireland, Galway - Digital Enterprise Research Institute, Ireland
 Dr. **André Ludwig**, University of Leipzig, Gambia
 Ms. **Karita Luokkanen-Rabetino**, Atos Origin, Spain
 Mr. **Ayman Mahfouz**, Open University, United States
 Mr. **Michele Mancioppi**, Tilburg University, The Netherlands
 Dr. **Jason Mansell**, European Software Institute, Spain
 Mr. **Lanfranco Marasso**, Engineering Ingegneria Informatica, Italy
 Ms. **Annapaola Marconi**, Fondazione Bruno Kessler, Italy
 Ms. **Julie Margueritte**, Thales, France
 Mr. **Josep Martrat Sotil**, Atos Origin, Spain
 Mr. **Joan Masso**, Gridsystems, Spain
 Dr. **Walter Mattauch**, Fraunhofer-Institut fuer Software-und Systemtechnik ISST, Germany
 Dr. **Florian Matthes**, TU München, Germany
 Dr. **Nikolay Mehandjiev**, Centre for Service Research, University of Manchester, United Kingdom
 Mr. **Sjoerd Meihuizen**, Nederlandse Organisatie voor Wetenschappelijk Onderzoek, The Netherlands
 Mr. **Alexandre Mello Ferreira**, Politecnico di Milano, Italy
 Mr. **Andreas Metzger**, University of Duisburg-Essen, Germany
 Mr. **András Micsik**, MTA SZTAKI, Hungary
 Mr. **André Miede**, E-Finance Lab, Technische Universitaet Darmstadt, Germany
 Dr. **Parastoo Mohagheghi**, SINTEF, Norway
 Mr. **Knud Möller**, DERI, National University of Ireland, Galway, Ireland
 Mr. **Hervé Moreau**, Thales, Belgium
 Mr. **Adrian Mos**, INRIA, France
 Dr. **Hamid Reza Motahari Nezhad**, HP Labs, USA, United States
 Mr. **Carlos Müller**, University of Seville, Spain
 Mr. **Juergen Mueller**, Hasso Plattner Institute, Germany
 Mr. **Marcel Muth**, SAP Research, Germany
 Mr. **Tobias Nestler**, SAP AG, Germany
 Dr. **Stephan Neuhaus**, Università degli Studi di Trento, Italy
 Mr. **Jörg Niemöller**, Ericsson GmbH, Germany
 Mr. **Francisco Javier Nieto**, Atos Origin, Spain
 Dr. **Alex Nort**, University of Helsinki, Finland
 Mr. **Bruno NOUZILLE**, THALES, France
 Mr. **Bashar Nuseibeh**, LERO University, Ireland
 Mr. **Joseph Okika**, Aalborg University, Denmark
 Mr. **Gøran K. Olsen**, Research Scientist, Norway
 Mr. **Tomas Olsson**, Swedish Institute of Computer Science (SICS), Sweden
 Mr. **Ulf I Olsson**, Ericsson, Sweden
 Dr. **Daniel Oppenheim**, IBM, United States
 Mr. **Marc Oriol Hilari**, Universitat Politècnica de Catalunya (UPC), Spain
 Mr. **Kazuhiro Otsuki**, NICT, Japan
 Mr. **Sergio Pacheco-Sanchez**, SAP (UK) Limited, United Kingdom
 Prof. **Incheon Paik**, University of Aizu, Japan
 Prof. **Mike Papazoglou**, Tilburg University, The Netherlands
 Mr. **Davide Parrilli**, Legal researcher, Belgium
 Mr. **Aljosa Pasic**, Atos Origin, Spain
 Ms. **Liliana Pasquale**, Politecnico di Milano, Italy
 Ms. **Susanne Patig**, University of Bern, IWI, Switzerland

Dr. **Valentin Pavlov**, Rila Solutions EAD, Bulgaria
 Mr. **Daniel Pays**, Thales, France
 Dr. **Christian Perez**, INRIA, France
 Prof. **Barbara Pernici**, Politecnico di Milano, Italy
 Ms. **Veronique Pevtschin**, Engineering Ingegneria Informatica, Belgium
 Ms. **Barbara Pirillo**, Engineering Ingegneria Informatica, Italy
 Mr. **Marco Pistore**, Fondazione Bruno Kessler, Italy
 Mr. **Pierluigi Plebani**, POLITECNICO DI MILANO - DEI, Italy
 Prof. **Klaus Pohl**, University of Duisburg-Essen, Germany
 Mr. **Gregor Polancic**, Univerza Mariboru, Slovenia
 Mr. **Razvan Popescu**, Trinity College Dublin, Ireland
 Dr. **Sébastien Praud**, Thales (MODELPLEX), France
 Dr. **Thierry Priol**, INRIA, France
 Mr. **Remi Raffard**, FT-Orange, France
 Ms. **Maryam Razavian**, VU University Amsterdam, The Netherlands
 Dr. **Stephan Reiff-Marganiec**, University of Leicester, United Kingdom
 Dr. **Manuel Resinas**, Universidad de Sevilla, Spain
 Mr. **James Rhodes**, IBM, United States
 Mr. **Marcel Risch**, Seoul National University, Germany
 Mr. **Erik Rissanen**, Axiomatics AB, Sweden
 Mr. **Santi Ristol**, Atos Origin, Spain
 Dr. **Nelson Rosa**, CIN/UFPE, Brazil
 Ms. **Anne-Marie Sassen**, European Commission, Belgium
 Ms. **Marten Schoenherr**, Deutsche Telekom Laboratories, Germany
 Dr. **Arjen Schoneveld**, Dexels BV, The Netherlands
 Mr. **Julian Schütte**, Fraunhofer SIT, Germany
 Dr. **Michael Schwind**, Goethe University Frankfurt, Germany
 Dr. **Norbert Seyff**, City University, United Kingdom
 Mr. **Eduardo Silva**, University of Twente, The Netherlands
 Dr. **Christian Simmendinger**, T-Systems, Germany
 Ms. **Renuka Sindhgatta**, IBM Research - India, India
 Mr. **Tarry Singh**, Atos Origin, Avustu, Spain
 Ms. **Adina Sirbu**, Fondazione Bruno Kessler, Italy
 Mr. **Bjørn Skjellaug**, SINTEF ICT, Norway
 Mr. **Sergey Smirnov**, Hasso Plattner Institute at the University of Potsdam, Germany
 Mr. **Mirko Sonntag**, University of Stuttgart, Germany
 Prof. **George Stamoulis**, Athens University of Economics and Business, Greece
 Prof. **Katarina Stanoevska-Slabeva**, MCM University of St. Gallen, Switzerland
 Mr. **Ulrike Steffens**, OFFIS - Institut für Informatik, Germany
 Mr. **Raffael Stein**, Karlsruhe Institute of Technology (KIT), Germany
 Ms. **Nathalie Steinmetz**, STI Innsbruck, Austria
 Prof. **Dirk Stelzer**, TU Ilmenau, FG Informations- und Wissensmanagement, Germany
 Mr. **Bryan Stephenson**, HP, United States
 Dr. **Nenad Stojanovic**, FZI at the University of Karlsruhe, Germany
 Ms. **Vanessa Stricker**, University Duisburg-Essen, Germany
 Prof. **Markus Stumptner**, University of South Australia, Australia
 Ms. **Revathi Subramanian**, IBM, United States
 Mr. **Jan Sundelin**, TIE, The Netherlands

Dr. **Mike Surridge**, IT Innovation, United Kingdom
 Mr. **Toshiaki Suzuki**, National Institute of Information and Communications Technology, Japan
 Mr. **Haruhiko Takada**, The University of Aizu, Japan
 Mr. **Yue Tan**, Tsinghua University, China
 Mr. **Nikolay Tcholtchev**, Fraunhofer FOKUS, Germany
 Ms. **Vicky Tommer**, IBM R&D Labs in Israel, Israel
 Dr. **Paolo Traverso**, Fondazione Bruno Kessler - IRST, Italy
 Mr. **Martin Treiber**, Vienna University of Technology, Austria
 Mr. **Ralph Tröger**, GERRY WEBER International AG, Germany
 Dr. **Hong-Linh Truong**, Vienna University of Technology, Austria
 Dr. **Staffan Truvé**, Sics, Sweden
 Mr. **Nikolaos Tsouroulas**, Telefónica I+D, Spain
 Mr. **Tobias Unger**, Institute of Architecture of Application Systems, University of Stuttgart, Germany
 Dr. **Colin Upstill**, IT Innovation, United Kingdom
 Mr. **Michaël Van de Borne**, CETIC, Belgium
 Ms. **Marlies Van Steenberghe**, Utrecht University, Sogeti, The Netherlands
 Mr. **Guillaume Vaudaux-Ruth**, INRIA, France
 Dr. **Julien Vayssié**, Smart Services CRC, Australia
 Mr. **Tonny Velin**, Answare, Spain
 Mr. **Ovidiu Vermesan**, Sintef, Norway
 Mr. **Kresimir Vidackovic**, Fraunhofer IAO, Germany
 Mr. **Tobias Vogel**, Hasso-Plattner-Institut/ Universität Potsdam, Germany
 Dr. **Rainer von Ammon**, CITT, Germany
 Dr. **Usman Wajid**, The University of Manchester, United Kingdom
 Mr. **Ingo Wassink**, University of Twente, The Netherlands
 Dr. **Walter Waterfeld**, Software AG, Germany
 Prof. **Herbert Weber**, Fraunhofer-Institut fuer Software- und Systemtechnik ISST, Germany
 Mr. **Harald Wesenberg**, ACM, IEEE, Norway
 Mr. **Matthias Winkler**, SAP AG, Germany
 Mr. **Ulrich Winkler**, SAP UK Ltd., United Kingdom
 Prof. **Karsten Wolf**, Universitaet Rostock, Germany
 Mr. **Yaron Wolfsthal**, IBM, Israel
 Mr. **Daisaku Yokoyama**, University of Tokyo, Japan
 Mr. **Anastasios Zafeiropoulos**, Network Engineer, Greece
 Ms. **Sonja Zaplata**, University of Hamburg, Germany
 Ms. **Asli Zengin**, Fondazione Bruno Kessler, Italy
 Prof. **Liang Zhang**, Fudan University, China
 Prof. **Weishan Zhang**, Aarhus University, Denmark
 Mr. **Xin Zhang**, IBM Research, China
 Dr. **Xuan Zhou**, CSIRO ICT Centre, Australia
 Dr. **Christian Zirpins**, Karlsruhe Institute of Technology (KIT), Germany
 Dr. **Andrea Zisman**, City University, United Kingdom
 Mr. **Miroslav Zivkovic**, TNO, The Netherlands

SOCIAL EVENT INFORMATION

RECEPTION

Tuesday evening 24/11/2009

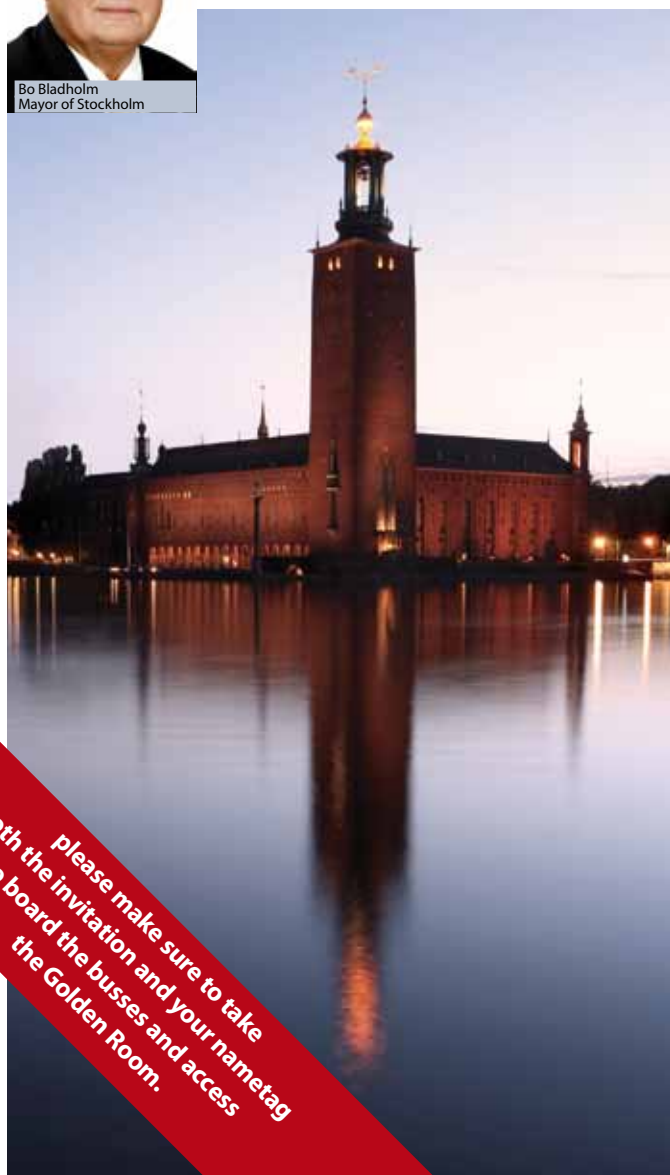
The reception will take place in the Golden Room at the Stockholm City Hall- the exact room where the coffee and dance take place after the Nobel prize ceremony.

Busses will take you from the conference centre to the City Hall leaving at 18:30 pm. They will take you back to the same location at 21:00 pm.

The reception invitation is included in your conference fee, and your nametag indicates that you can have access



We thank the Mayor of Stockholm, Bo Bladholm, for hosting the conference reception in the "Golden Hall"



please make sure to take both the invitation and your nametag to board the busses and access the Golden Room.

GALA DINNER

Thursday 26/11/2009 – 20:00

The Gala Dinner will take place at the Vasa Museum, the prestigious museum that holds the world's only surviving 17th-century ship and one of the foremost tourist sights in the world.

The address for the Vasa Museum is:

Galärvarvsvägen 14, Stockholm

Conference buses between the conference venue and the Vasa Museum will take you to the Gala dinner and bring you back.

More info about how to get there:

http://www.vasamuseet.se/sitecore/content/Vasamuseet/InEnglish/Visit/getting_here.aspx

Don't forget to take your badge with you!!

Gala Dinner menu

Starter

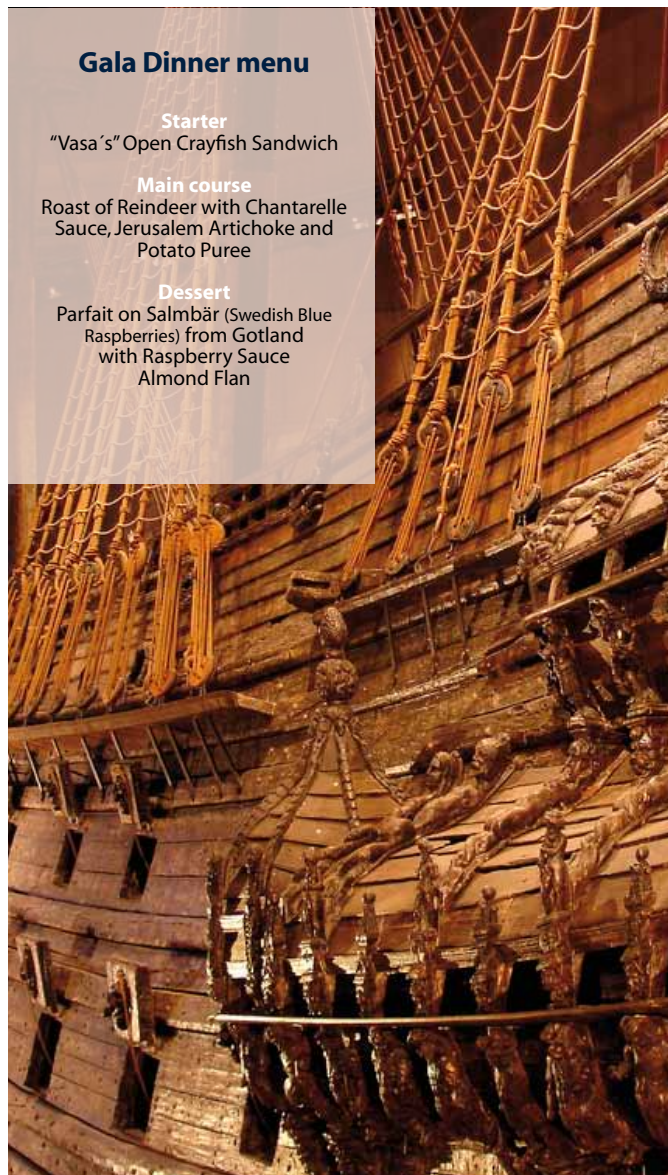
"Vasa's" Open Crayfish Sandwich

Main course

Roast of Reindeer with Chantarelle Sauce, Jerusalem Artichoke and Potato Puree

Dessert

Parfait on Salmbär (Swedish Blue Raspberries) from Gotland with Raspberry Sauce Almond Flan



CONFERENCE LOCATION

ICSOC-ServiceWave 2009 will be held at the Electrum Conference centre, in the Kista Science City - a world leading ICT cluster for more than 500 ICT companies and 5,000 students

Electrum Conference Centre

Kistagången 16, 164 40 Kista

- ➔ Main conference location
- ➔ Registrations
- ➔ Restaurant
- ➔ Coffee breaks
- ➔ Sponsors stands
- ➔ Bus departure (Tuesday and Thursday)



Kista Science Tower

Färögatan, 33

- ➔ 25/11/2009 Workshop WESOA'09
- ➔ 25/11/2009 Workshop NFPSLAM-SOC 09
- ➔ 25/11/2009 Workshop MONA+ (first part)



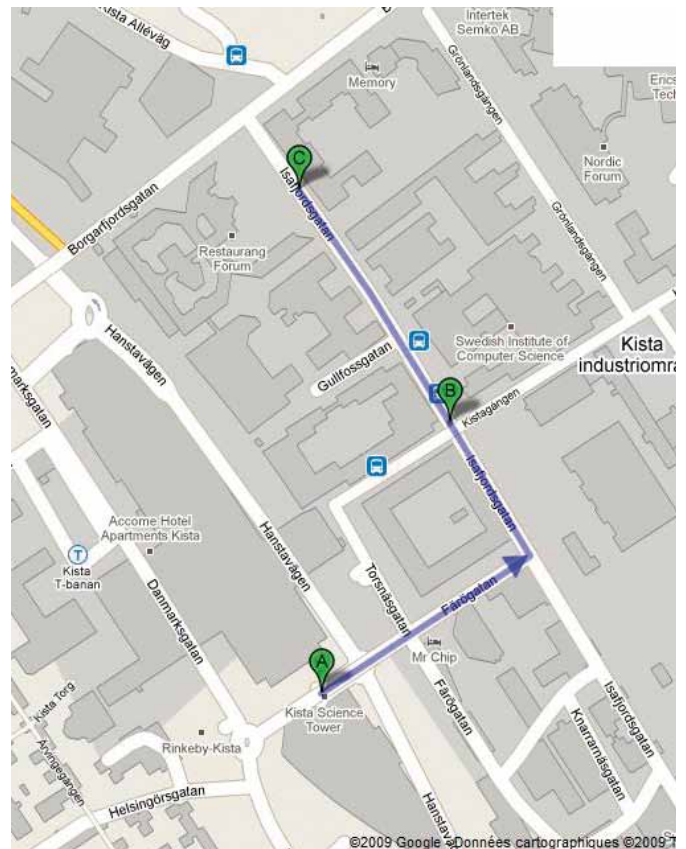
KTH Kista Campus

Isafjordgatan, 39

- ➔ 25/11/2009 Workshop Identity Management
- ➔ 26/11/2009 Workshop MONA+ (second part)
- ➔ 26/11/2009 Workshop SOC-LOG



On Monday and Tuesday, workshops will be held in the Electrum Conference Centre, in the KTH Kista Campus and in the Kista Science Tower. All are within walking distance.



Registration Desk

All registration is done at the conference location Electrum Conference Centre. Attendees of the workshops held at the other locations must first get their registration bag from the registration desk.

The registration desk will be open from 8:30 am to 16:00 pm on Monday, and 9:00 am to 16:00 pm, Tuesday through Thursday.

Badges

Participants will receive a badge upon registration, and are requested to wear the badge during the meetings and social events. The badge contains all the information regarding access to the reception and gala dinner.

Transportation Stockholm City – Kista

Kista can be reached from the central station/T-centralen by metro: Blue Line, direction Akalla, station Kista. A metro journey to Kista takes 17 minutes from T-centralen. During peak times, metro trains run every seven minutes.

Bus transportation for the Reception and the Gala dinner

Bus transportation is organised from the conference location to the reception and to the gala dinner. Return transportation by bus is also organised. Please check the main schedule for transportation hours, and don't forget to take your badge with you.

WIFI INFO

Wifi access: SSID = Electrum.

Username and Password will be in the Conference Bag

LOCAL CONTACTS

Rikard Lingström, KTH, rlm@kth.se, +4687908292

Véronique Pevtschin, Engineering,

veronique.pevtschin@eng.it, +32475 41 38 78

Programme Editor and Design

Editor – Véronique Pevtschin, NESSI Communication Director

Assistant – Barbara Pirillo, NESSI Communication Assistant

Design – Martin Gueissaz, AMGD web design, www.amgd.ch

WE THANK ALL OUR SPONSORS:

Platinum Sponsors



SIEMENS

THALES



Gold Sponsor

orange™

Silver Sponsors

