

**The 6th International Conference on Service Oriented Computing
ICSOC 2008**

PROGRAM GUIDE
Conference, Workshops and Tutorials



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Organizers

General Chairs:

- Boualem Benatallah (University of New South Wales, Australia)
- Vincenzo d'Andrea (University of Trento, Italy)
- Frank Leymann (University of Stuttgart, Germany)

Program Committee Chairs:

- Athman Bouguettaya (CSIRO, Australia)
- Ingolf H. Krueger (University of California, San Diego, USA)
- Tiziana Margaria (University of Potsdam, Germany)

Workshop Chairs:

- George Feuerlicht (University of Technology, Sydney, Australia)
- Winfried Lamersdorf (University of Hamburg, Germany)

Tutorial Chairs:

- Anna Liu (Microsoft, Australia)
- Xiaofang Zhou (University of Queensland, Australia)

Panel Chairs:

- Mohand-Said Hacid (University Lyon 1, France)
- Yuzuru Tanaka (Hokkaido University, Japan)
- Ming Shan (SAP, USA)

Demonstration chairs:

- Malu Castellanos (HP Labs, USA)
- Marlon Dumas (University of Tartu, Estonia)
- Karsten Schulz (SAP, Australia)

Industry-Academic Coordination Chairs:

- Dave Chapel (Oracle, USA)
- Priya Narasimhan (Carnegie Mellon University, USA)

Industry Program Chairs:

- Christoph Bussler (Merced Systems, Inc., USA)
- Don Ferguson (Computer Associates, USA)
- Volkmar Lotz (SAP, USA)

PhD symposium Chairs:

- Hamid Motahari (HP Labs, USA)
- Farouk Toumani (University of Clermont-Ferrand, France)
- Yannis Velegarakis (University of Trento, Italy)

Publicity Chairs:

- Florian Daniel (University of Trento, Italy)
- Hakim Hacid (University of New South Wales, Australia)
- Brahim Medjahed (University of Michigan, USA)

Local Organisation Chairs:

- Helen Paik (University of New South Wales, Australia)
- Vladimir Tasic (NICTA, Australia)
- Jian Yang (Macquarie University, Australia)
- George Feuerlicht (University of Technology, Sydney, Australia)

Local Community Liaison chairs:

- Jay Hanon (IBM Australia)
- Renato Iannella (NICTA, Australia)
- Michael Roseman (QUT, Brisbane, Australia)

Financial Chair:

- Fethi Rabhi (University of New South Wales, Australia)

Steering committee

- Fabio Casati (University of Trento, Italy)
- Paco Curbera (IBM Research, USA)
- Asit Dan (IBM Research, USA)
- Bernd Kraemer (Fern Universitaet Hagen, Germany)
- Mike Papazoglou (Tilburg University, The Netherlands - acting Chair)
- Paolo Traverso (ITC-IRST, Italy)

Research Track - Area Coordinators

Service Foundations

- Bernhard Steffen (University of Dortmund, Germany)

- Gianluigi Zavattaro (University of Bologna, Italy)

Business Service Modeling

- Jian Yang (Macquarie University, Australia)

Integrating Systems of Systems using Services

- Doug Schmidt (Vanderbilt University, USA)

Service Engineering

- Jose Luis Fiadeiro (University of Leicester, UK)
- Michael Huhns (University of South Carolina, USA)

Service Assembly

- Paco Curbera (IBM Research, USA)

Service Management

- Asit Dan (IBM Research, USA)
- Mike Papazoglou (University of Tilburg, The Netherlands)

SOA Runtime

- Priya Narasimhan (Carnegie Mellon University, USA)

Quality of Service

- Mourad Ouzzani (Purdue University, USA)

Grid Services

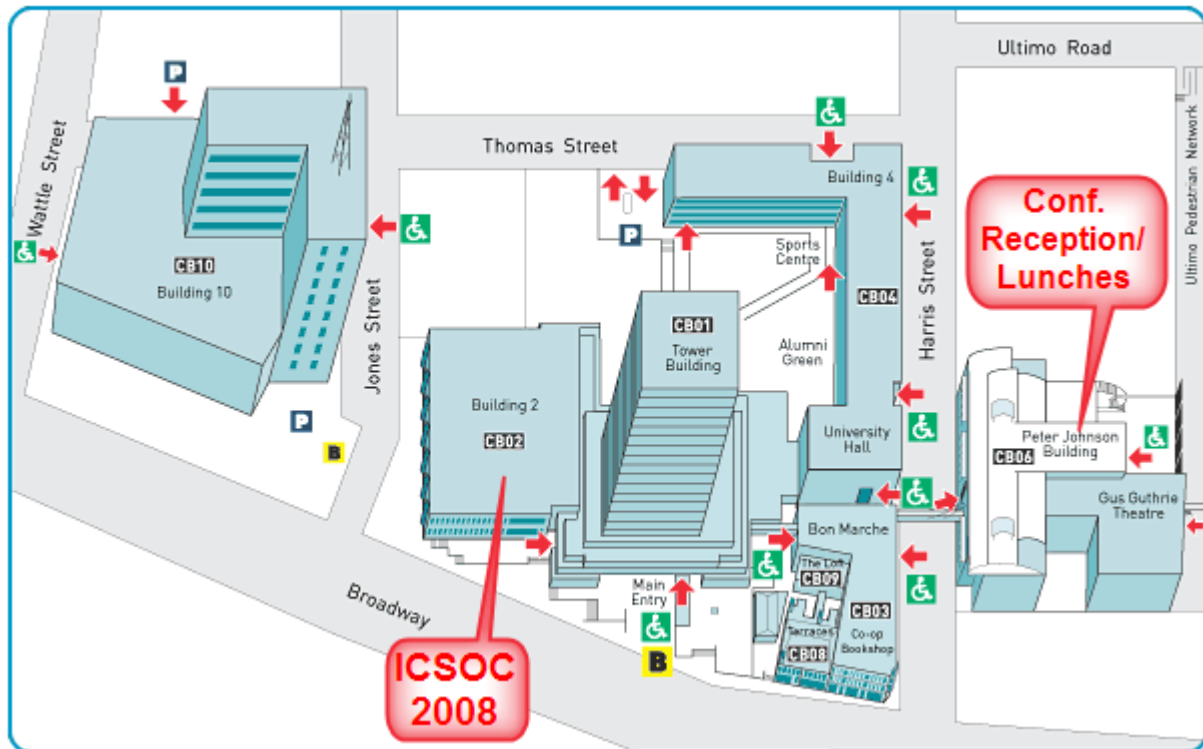
- Domenico Laforenza (CNR, Italy)
- Uwe Schwiegelshohn (TU Dortmund, Germany)

Business & Economical Aspects of Services

- Paul Maglio (IBM Almaden, USA)
- Stefan Tai (TU of Karlsruhe, Germany)

Completed lists of Program Committee, Industry Committee, Demonstration Committee and PhD Symposium Committee are in Appendix Section.

Conference Venue and Facilities



The conference venue is located at Ultimo City Campus, University of Technology, Sydney (UTS). For more information about the conference venue, please visit <http://www.uts.edu.au/about/mapsdirections/bway.html>. All conference sessions, workshops, PhD symposium and SOA Summer School will be held in building CB02 (Building 2). The registration desk, information, and morning/afternoon coffee breaks will be at Building 2 Atrium, which is on the 4th floor (the same level as the main entrance into Building 1). Please enter through the Main Entry. There will be signs directing you to the Building 2 Atrium area.

Pre-registration

There will be pre-registration on the day before the conference starts. The pre-registration desk will be at Building 2 Atrium, opens from 4:00pm – 6:00pm on Sunday 30th November 2008.

Directions to Conference Venue

Street address: [15 Broadway, Ultimo](#)

By train

UTS City campus, Ultimo is close to Central Railway station. After arriving at Central Station, take the eastern exits to Railway Square/George Street. Turn left at Railway Square and walk one block to the UTS Ultimo campus which is on the right.

For more information about train travel see the [State Rail Authority](http://www.staterail.nsw.gov.au/) (<http://www.staterail.nsw.gov.au/>).

By bus

Use the [Sydney Buses University of Technology, Sydney Transport Guide](http://www.sydneybuses.info/uploads/File/pdfs/university_maps/UTS_busservices.pdf) (http://www.sydneybuses.info/uploads/File/pdfs/university_maps/UTS_busservices.pdf) for the most appropriate bus route to UTS City Campus.

Find out when bus departure and arrival times courtesy of the [Sydney Buses Online Timetables](http://www.sydneybuses.info/getting-around/timetables.htm) (<http://www.sydneybuses.info/getting-around/timetables.htm>) web site.

For more information, network maps and trip planners using public transport in and around Sydney view the [Integrated Transport information site](http://www.131500.info) (<http://www.131500.info>).

By air

The closest domestic and international airport is Sydney Airport. A taxi from the airport to UTS City campus will cost approximately \$20.

By car

Parking is limited to street meter parking and user pay parking stations. Wilson Parking operates a car park in Quay Street, close to Haymarket. UTS operates a carpark in Building 10 on Thomas and Jones Streets, which offers discounted parking to students and staff of UTS.

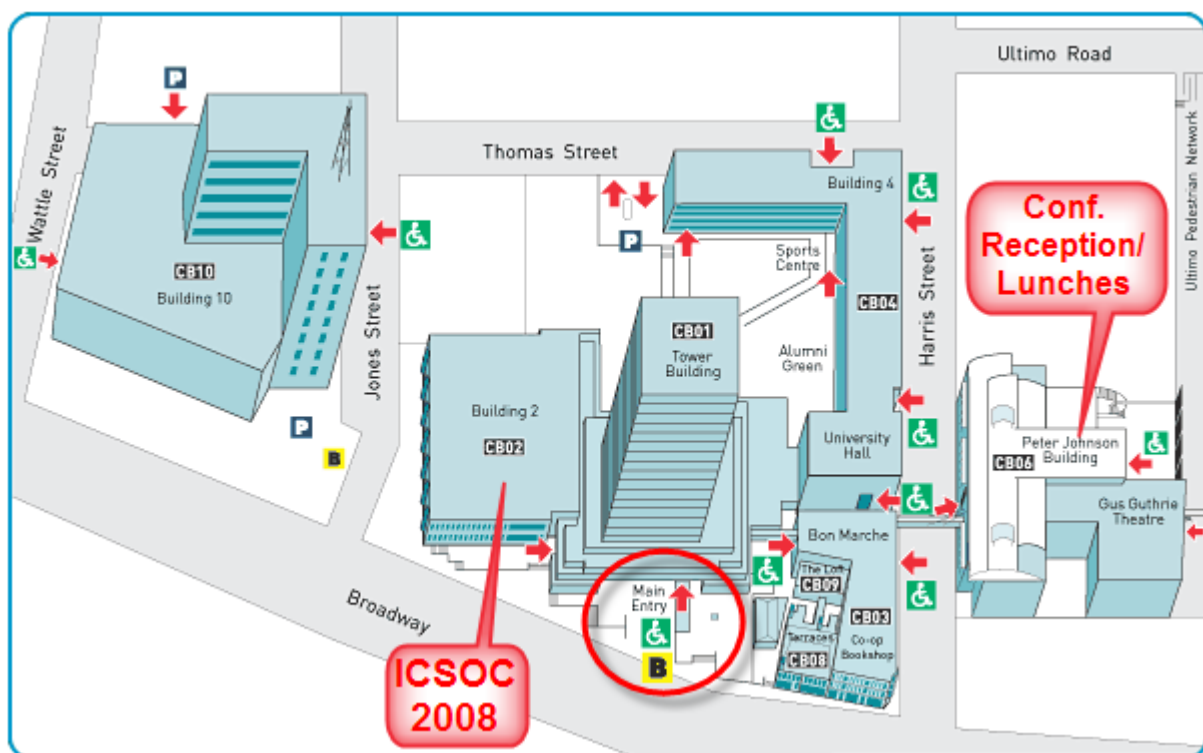
Try an online street directory, with driving directions, like www.whereis.com to navigate your way to UTS.

For more information about directions to the conference venue, please visit: <http://www.uts.edu.au/about/mapsdirections/city.html>.

Directions to Conference Reception and Lunches

Conference Reception (starts from 6:00pm on Monday 1st Dec) and lunches (12:30pm – 1:30pm on Tuesday, Wednesday and Thursday) are in the DaB Café. The DaB Café is located at 702-730 Harris Street. The DAB building (Building 06) is also called as “Peter Johnson Building” at UTS.

From the main foyer on the 4th level of UTS Building 2 (near the ICSOC 2008 reception) go towards the main entry of the conference (this is the main entry to the Tower Building, i.e., Building 1). Then, exit the glass door entry/exit, turn left, walk about 50m, and turn left to walk another 100m, the walkway will make you turn sharp right after 50m, walk across the pedestrian bridge which passes over Harris Street. This will take you directly to the DAB building. When you enter the building, the DaB Cafe/eatery is right in front of you.



Directions to Harbour Cruise

The social activity (Harbour Cruise) is on Tuesday 2nd Dec. Details are:

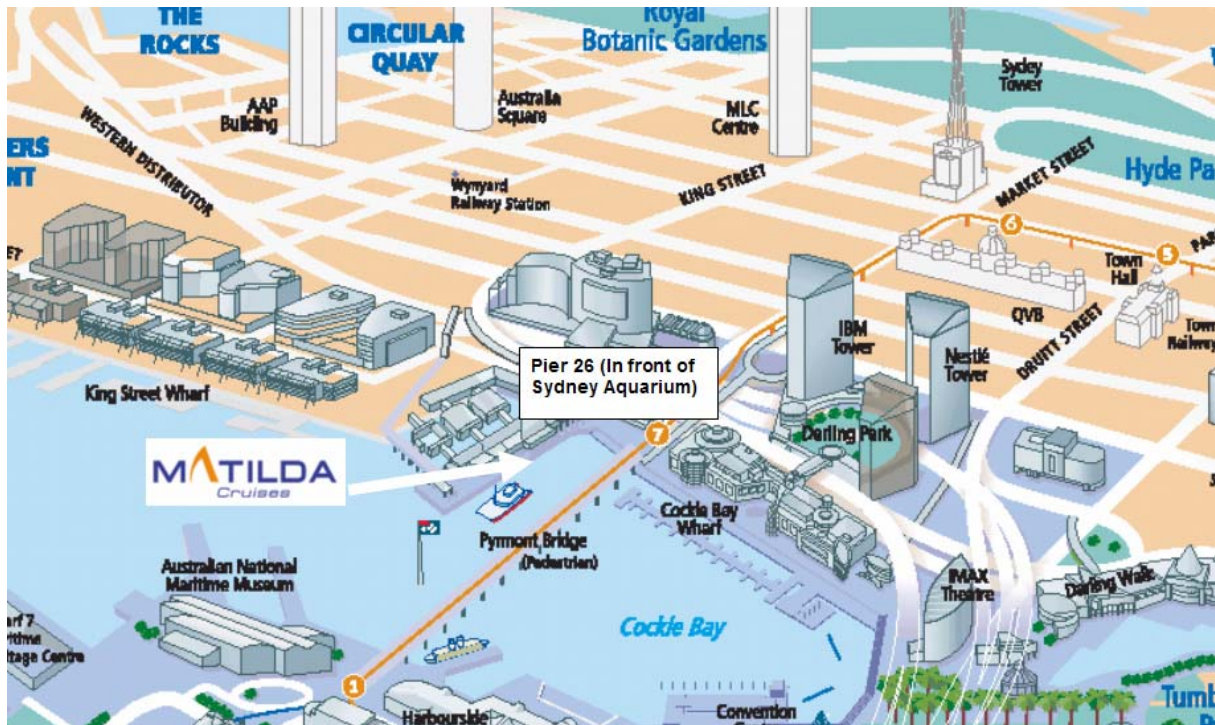
Matilda Cruise at Darling Harbour

Vessel: Aussie Legend

Time: 7:00pm - 8:30pm

Depart at Pier 26 (in front of Sydney Aquarium).

Note that the cruise is only available to non-student registration.



Directions to Conference Dinner Venue

Conference dinner starts at 7:00pm on Wednesday 3rd Dec, at Australian National Maritime Museum, Darling Harbour. On foot, it will take about 23 minutes from the conference venue:



Restaurants and Cafes close to the Conference Venue

On Campus

There is a Cafe located at Building 10 of UTS. This is at walking distance from the conference venue. It is approximately 500m away from the Tower building. You need to come out of the main entrance and turn right keep walking and turn to your first right, and walk another 200m. The Cafe has a different menu everyday. There are wraps, salads, coffee cake etc available. This is a quick option, takes about 25-30 minutes.

Food court located at the basement of Building 1-2. There are 4-5 outlets, serving Indian, Chinese, Italian, and Japanese food. To reach the food court you need to take the stairs which are located at the main atrium of the Tower building where the conference is held. This is a quick option, takes about 25-40 minutes.

Off Campus

More options for food and drink are in Chinatown and Haymarket. Both Chinatown and Haymarket are located a short walk from Central Train Station and UTS. Many of the city's buses move through George St and you can get off at Haymarket. The light rail from Central Station passes Chinatown just after the Haymarket stop. This might take 1-2 hrs. For more information, please visit: <http://www.sydney-australia.biz/chinatown/>.

There are number of fast food outlets around UTS. Turn left from UTS Tower building approximately 60m, there is a MacDonald, KFC, Subway after the first set of traffic lights.

Broadway Shopping mall: Turn right at the entrance of the Tower building and keep walking straight approximately after 900m, turn right after 3 sets of traffic lights, you will then enter Broadway shopping Mall in which there are food courts at the 4th level. This might take 45 minutes.

Facilities and Supports

Each conference room will be equipped with the following:

- A lectern with built-in AV system and PC running Windows XP platform
- VGA and audio output leads for hooking up a laptop
- A document camera
- Microphone (both fixed and radio)
- Software on the PC:
 - Web browser (both IE and Firefox)
 - Acrobat Reader 7.0
 - Microsoft PowerPoint 2002.

Wireless network account will be setup at registration. There also will be common access computers.

Each demo session will be equipped with:

- Table and chairs
- 18" LCD monitor
- Power board
- Blu-tak (reusable adhesive) to put up your poster on the wall behind your table.

Complete Conference Program Overview

30 th Nov		1 st Dec	2 nd Dec	3 rd Dec	4 th Dec	5 th Dec	6 th Dec
8:00 – 8:30		Registration (CB02.04.23)	Registration (CB02.04.23)		Registration (CB02.04.23)		SOA Summer School (UTS City Campus, CB02.04.11)
8:30 – 9:00			Opening (CB02.04.13)	Keynote 2 By Neel Sundaresan (CB02.04.13)	Keynote 3 By Peter Vosshall (CB02.04.13)		
9:00 – 9:30		Workshop / PhD Symposium	Keynote 1 By Ian Foster (CB02.04.13)	Coffee break	Coffee break		
9:30 – 10:00							
10:00 – 10:30							
10:30 – 11:00		Coffee break	Coffee break				
11:00 – 11:30			(RRP 1) Business Service Modelling I (CB02.04.11)	(RRP 5) SOA Runtime (CB02.04.11)	(Industry 2) Service Management & Design (CB02.04.11)		Open Demo Booths (CB02.04.23)
11:30 – 12:00		Workshop / PhD Symposium	(RRP 2) Service Assembly & Grid Services (CB02.04.13)	(RRP 6) Business & Economic Aspects of Services (CB02.04.13)	(SRP 2) Service and Quality Engineering I (CB02.04.13)		
12:00 – 12:30							
12:30 – 1:00		Lunch (on your own)	Lunch (included in conference registration)	Lunch (included in conference registration)	Lunch (included in conference registration)		
1:00 – 1:30							
1:30 – 2:00			(RRP 3) Business Service Modelling II (CB02.04.11)	(RRP 7) System of Systems Integration (CB02.04.11)	(RRP 9) Service Engineering (CB02.04.11)		
2:00 – 2:30		Workshop / PhD Symposium	(RRP 4) Service Management (CB02.04.13)	(RRP 8) Quality of Service I (CB02.04.13)	(RRP 10) Quality of Service II (CB02.04.13)		
2:30 – 3:00							
3:00 – 3:30		Coffee break	Coffee break	Coffee break	Coffee break		
3:30 – 4:00			Industry Keynote By Donald Ferguson (CB02.04.13)				
4:00 – 4:30		Workshop / PhD Symposium	(Industry 1) Multi-Tenancy (CB02.04.13)	Panel Discussion (CB02.04.13)	(SRP 3) Service and Quality Engineering II (CB02.04.11)		
4:30 – 5:00			Demo Jam – Overview Presentation (CB02.04.11)	(SRP 1) Business Service Modelling (CB02.04.13)	(SRP 4) QoS, Assembly & Management (CB02.04.13)		
5:00 – 5:30		Break	Break	Open Demo Booths (CB02.04.23)	Closing (CB02.04.13)		
5:30 – 6:00				Break			
6:00 – 6:30		Conference Reception	Social Activity (Harbour Cruise)	Break			
6:30 – 7:00				Conference Dinner (starts at 7:00pm)			
7:00 – 8:00							

Keynote Speakers



Services for Science

Dr. Ian Foster

Computation Institute

Argonne National Laboratory & University of Chicago

<http://www-fp.mcs.anl.gov/~foster/>

ABSTRACT

Computational approaches to problem solving have proven their worth in many fields of science, allowing the collection and analysis of unprecedented quantities of data and the exploration via simulation of previously obscure phenomena. We now face the challenge of scaling the impact of these approaches from the specialist to entire communities. I speak here about work that seeks to address this goal by rethinking science's information technology foundations in terms of service-oriented architecture. In principle, service-oriented approaches can have a transformative effect on scientific communities, allowing tools formerly accessible only to the specialist to be made available to all, and permitting previously manual data-processing and analysis tasks to be automated. However, while the potential of such "service-oriented science" has been demonstrated, its routine application across many disciplines raises challenging technical problems. One important requirement is to achieve a separation of concerns between discipline-specific content and domain-independent infrastructure, so that new services can be developed quickly and existing services can respond effectively to time-varying load. Another key requirement is to streamline the formation and evolution of the "virtual organizations" that create and access content. I describe the architectural principles, software, and deployments that I am and my colleagues have produced as we tackle these problems, and point to future technical challenges and scientific opportunities. I illustrate my talk with examples from astronomy and biomedicine.

BIOGRAPHY

Ian Foster is Director of the Computation Institute at Argonne National Laboratory, where he is also an Argonne Distinguished Fellow, and the University of Chicago, where he is also the Arthur Holly Compton Distinguished Service Professor of Computer Science. His research deals with distributed, parallel, and data-intensive computing technologies and applications. He has published six books and over 300 articles and technical reports on these and related topics.

Dr. Foster is a fellow of the American Association for the Advancement of Science and the British Computer Society. His awards include the British Computer Society's award for technical innovation, the Global Information Infrastructure (GII) Next Generation award, the British Computer Society's Lovelace Medal, R&D Magazine's Innovator of the Year, and DSc Honoris Causa from the University of Canterbury, New Zealand.



Web Scale Computing: The Power of Infrastructure as a Service

Peter Vosshall

Amazon VP and Distinguished Engineer

ABSTRACT

Building the right infrastructure that can scale up or down at a moment's notice can be a complicated and expensive task, but it's essential in today's competitive landscape. This applies to an enterprise trying to cut costs, a young business unexpectedly saturated with customer demand, or a research lab wanting to test at scale. There are many challenges when building a reliable, flexible architecture that can manage unpredictable behaviors of today's Internet business. This presentation will outline some of the lessons learned from building one of the world's largest distributed systems, Amazon.com, and the evolution that gave rise to Amazon reselling its infrastructure in the form of Amazon Web Services, allowing anyone to leverage the same robust, scalable, and reliable technology that powers Amazon's business.

BIOGRAPHY

Peter Vosshall is a Vice President & Distinguished Engineer at Amazon.com, where he is responsible for providing technical leadership for a number of teams in Amazon Web Services, as well as for the company as a whole. Mr. Vosshall has over 16 years of industry experience designing, building, and operating large scale, highly available distributed systems. Since joining Amazon in 1998, he has been a key contributor to Amazon's overall software architecture, and has built a number of core enabling technologies for Amazon's distributed architecture, including Dynamo, Amazon's highly available key-value store. Prior to joining Amazon, Vosshall built scalable and distributed back-ends for collaborative software systems at Apple and Infoseek. He holds a bachelor's degree in computer science from Dartmouth College.



Services in the Long Tail World: Challenges and Opportunities

Neel Sundaresan, PhD

Sr. Director and Head, eBay Research Labs

<http://labs.ebay.com/>

ABSTRACT

This talk will focus on Internet based systems that are primarily participatory in nature. In such systems, we need to think beyond infrastructure, data, and algorithms. While these entities are well-understood from the service architecture point of view, the demands of participatory systems are different. In a massive-scale system like eBay, that's highly participatory in nature, user roles, actions and interactions affect and influence how the system functions and scales. While applications and platforms as service are well understood

in the current evolution through participation mandates the need for additional service orientations. For example, Interface as a service through programmable implementations or User Experience as a service through programmable visual elements and interactions can be easily perceived. Machines and machine algorithms will take us part of the way but making them scalable and adaptable to change is a challenge. We need to talk about augmented intelligence where machine power coexists with and is complemented by human intelligence. Designing scalable services and applications in this dynamic context pose interesting challenges and new opportunities. This talk will focus on the unique nature of this Long tail world.

BIOGRAPHY

Neel Sundaresan, PhD, is a Senior Director and Head of eBay Research Labs, where he is responsible for driving the vision of the future of eCommerce into reality. He directs research and advanced technology work in several areas including Search and Finding, Machine Learning, Distributed and Platform Computing and Social Networks. Scalable algorithms and systems is the common theme across all these areas of work. Dr Sundaresan has a PhD from Indian University Bloomington and degrees in Mathematics and in Computer Science from IIT Bombay. He has over 40 publications in conferences and holds several patents to his name. He is a frequent speaker at national and international conferences.



Managing and Internet Service Bus

Dr. Donald F. Ferguson

*Chief Architect, Enterprise IT Management Products
CA, Inc.*

ABSTRACT

SOA and Web services have profoundly changed enterprise and commercial applications. BPEL, dynamic binding via service registries and repositories, alignment of grid computing with Web service standards, and a common approach to SOA and event driven architectures are examples of technologies that enable a new approach to applications and solutions. Many papers and talks have explained these technologies and their benefits.

Systems and application management using Web services is a growing area that builds on these technologies. There are many benefits to a common SOA/Web service approach to modeling, developing, deploying, managing and optimizing SW solutions. This presentation explains the benefits.

Several significant intellectual challenges hinder realizing the promise of a SOA/Web service approach to systems and application management. One of the most important is "managing from a business service perspective." Business professionals have a completely different definition of "service" from technical professionals. Enterprises think in terms of IT realization of "business services," for example online banking or shipped package tracking. The business services are an interacting fabric of SOA services, and in many cases the enterprise does not fully understand which services interact in a business solution or to

process a request. Many elements in the business service are not SOA services, for example databases, directories, file servers, etc.

This talk provides a deeper explanation of the business problem and challenges. The talk also explains the state of the art for solving some of the challenges. Finally, the talk concludes with suggestions for research and projects.

BIOGRAPHY

Dr. Donald F. Ferguson is a Distinguished Engineer and Chief Architect for CA's Enterprise IT Management (EITM) product family. Prior to joining CA, Don was a Microsoft Technical Fellow working in the Office of the CTO. He worked on various projects exploring the future of enterprise software, with a special emphasis on Web services and Internet application platforms. Don spent twenty years with IBM, becoming an IBM Fellow in 2001. Don was the chief architect for the WebSphere product family from its inception until becoming the chief architect for IBM Software Group. As chief architect, Don focused on design issues and initiatives spanning the DB2, WebSphere, Tivoli, Lotus and Rational product families. This included working on many SOA and Web service initiatives, specifications and standards. Don's hobbies include Kenpo Karate and Krav Maga.

Workshop and PhD Symposium Program Overview

Monday 1st Dec 2008

8:00 – 9:00	Registration					
9:00 – 10:30	WESOA CB02.05.30	TEAR CB02.05.31	Mashups CB02.05.32	QoS SOA CB02.05.33	SSME CB02.05.36	PhD Symposium CB02.05.37
10:30 – 11:00	<i>Coffee break</i>					
11:00 – 12:30	WESOA CB02.05.30	TEAR CB02.05.31	Mashups CB02.05.32	QoS SOA CB02.05.33	SSME CB02.05.36	PhD Symposium CB02.05.37
12:30 – 1:30	<i>Lunch (on your own)</i>					
1:30 – 3:00	WESOA CB02.05.30	TEAR CB02.05.31	Mashups CB02.05.32	ESBE CB02.05.33	ADAGE CB02.05.36	PhD Symposium CB02.05.37
3:00 – 3:30	<i>Coffee break</i>					
3:30 – 5:30	WESOA CB02.05.30	TEAR CB02.05.31	Mashups CB02.05.32	ESBE CB02.05.33	ADAGE CB02.05.36	PhD Symposium CB02.05.37
5:30 – 6:00	<i>Break</i>					
6:00 – 8:00	Conference Reception					

WESOA08 Workshop

4th International Workshop on “Engineering Service-Oriented Applications” (WESOA08)

Time: 1st December 2008, 9:30 – 17:30

Room: CB02.05.30

Program Overview

8:00 – 9:00	<i>Conference Registration</i>
09:30 – 10:30	Opening & Keynote Address (Chair: Christian Zirpins)
09:30 – 09:45	WESOA Welcome <i>Christian Zirpins</i>
09:45 – 10:30	Keynote: What would Smart Services look like, and how can we build them on dumb infrastructure? <i>Duddy, Keith</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Session 1: Principles of Service-Oriented Software Systems Analysis and Design (Chair: Winfried Lamersdorf)
11:00 - 11:30	Design of Composable Services <i>Feuerlicht, George</i>
11:30 - 12:00	A Conceptual Framework for Unified and Comprehensive SOA Management <i>Mueller, Ingo; Han, Jun; Schneider, Jean-Guy; Versteeg, Steven</i>
12:00 - 12:30	A Metrics Suite for Evaluating Flexibility and Complexity in Service Oriented Architectures <i>Hirzalla, Mamoun A.; Cleland-Huang, Jane; Arsanjani, Ali</i>
12:30 - 13:30	<i>Lunch Break (on your own)</i>
13:30 - 15:00	Session 2: Methods for Software Service Engineering (Chair: TBA)
13:30 - 14:00	Simulation of IT Service Processes with Petri-Nets <i>Bartsch, Christian; Mevius, Marco; Oberweis, Andreas</i>
14:00 - 14:30	Automatic Test Case Generation for Interacting Services <i>Kaschner, Kathrin; Lohmann, Niels</i>
14:30 - 15:00	Detecting Behavioural Incompatibilities Between Pairs of Services <i>Ait-Bachir, Ali; Dumas, Marlon; Fauvet, Marie-Christine</i>
15:00 - 15:30	<i>Coffee Break</i>

15:30 - 17:00	Session 3: Application Perspectives on Software Service Design (Chair: George Feuerlicht)
15:30 - 16:00	On Supporting the Design of Human-provided Services in SOA <i>Schall, Daniel; Dorn, Christoph; Truong, Hong-Linh; Dustdar, Schahram</i>
16:00 - 16:30	Model Transformations to Leverage Service Networks <i>Bitsaki, Marina; Danylevych, Olha; van den Heuvel, Willem-Jan; Koutras, George D.; Leymann, Frank; Mancioffi, Michele; Nikolaou, Christos N.; Papazoglou, Mike P.</i>
16:30 - 17:00	Building Scientific Workflow with Taverna and BPEL: a Comparative Study in caGrid <i>Tan, Wei; Missier, Paolo; Madduri, Ravi; Foster, Ian</i>
17:00 - 17:30	<i>Closing & Discussion (Chair: Christian Zirpins)</i>

Mashups08 Workshop

2nd International Workshop on “Web APIs and Services Mashups” (Mashups08)

Time: 1st December 2008, 9:00 – 17:30

Room: CB02.05.32

Program Overview

8:00 – 9:00	<i>Conference Registration</i>
9:00-10:30	Keynote 1 - Popfly: Mashup Tool for the Masses Nick Hodge , Microsoft, Australia
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 12:30	Session 1: (Chair: TBA)
11:00 – 11:30	Innovation in the Programmable Web: Characterizing the Mashup Ecosystem <i>Shuli Yu</i>
11:30 – 12:00	The Changing Role of IT Departments in Enterprise Mashup Environments <i>Volker Hoyer</i>
12:00 – 12:30	The Mashup Atelier <i>Cesare Pautasso and Monica Frisoni</i>
12:30-13:30	<i>Lunch (on your own)</i>
13:30 - 15:00	Keynote 2 - OpenSocial: Creating A Social Plug-in Ecosystem Pamela Fox , Google, USA
15:00 – 15:30	<i>Coffee Break</i>
15:30 - 16:30	Session 2: (Chair: TBA)
15:30 – 16:00	The Reverse C10K Problem for Server-side Mashups <i>Dong Liu and Ralph Deters</i>
16:00 – 16:30	Creating a 'Cloud Storage' Mashup for High Performance, Low Cost Content Delivery <i>James Broberg, Rajkumar Buyya and Zahir Tari</i>
16:30 - 17:30	Panel: (Chair: TBA)

QoSCSOA08 Workshop

1st International Workshop on “Quality-of-Service Concerns in Service Oriented Architectures” (QoSCSOA08)

Time: 1st December 2008, 9:30 – 12:30

Room: CB02.05.33

Program Overview

9:00 – 9:10	Introduction and participant introductions
9:10 – 9:30	Keynote: Challenges in Integrating Tooling and Monitoring for QoS Provisioning in SOA Systems <i>Adrian Mos</i>
9:30 – 9:50	Challenges for Assuring Quality of Service in a Service-Oriented Environment <i>Sriram Balasubramaniam, Grace A. Lewis, Ed Morris, Soumya Simanta, and Dennis B. Smith</i>
9:50 – 10:10	A Scalable Approach for QoS-based Web Service Selection <i>Mohammad Alrifai, Thomas Risse, Peter Dolog, and Wolfgang Nejdl</i>
10:10 – 10:30	Towards QoS-based web Service Discovery <i>Jingtai Piao and Jun Yan</i>
10:30 – 11:00	<i>Coffee/Tea Break</i>
11:00 – 11:20	A Redundancy Protocol for Service-Oriented Architectures <i>Nicholas May</i>
11:20 – 11:40	A Context Aware Trust Model for Service-Oriented Multi-Agent Systems <i>Kaiya Wan and Vasu Alagar</i>
11:40 – 11:55	Tool Demo
11:55 – 12:20	Discussion: Three Common Mistakes in Modeling and Analysis of QoS of Service Oriented Systems Chair: <i>Vladimir Tosic</i>
12:20 – 12:30	Workshop Close

ESBE08 Workshop

1st International Workshop on “Enabling Service Business Ecosystems” (ESBE08)

Time: 1st December 2008, 13:30 – 17:45

Room: CB02.05.33

Program Overview

	Introduction
13:30 – 13:35	Welcome and Introduction <i>Vincenzo D'Andrea</i>
13:35 – 15:05	Session 1 (Chair: Robert Kern)
13:35 – 14:05	Automating Service Selection in Business Service Ecosystem <i>Sven Graupner</i>
14:05 – 14:35	Describing Services for Service Ecosystems <i>Gregor Scheithauer, Stefan Augustin and Guido Wirtz</i>
14:35 – 15:05	Standardization as a Business Ecosystem Enabler <i>Paul Bannerman and Liming Zhu</i>
15:05 – 15:30	<i>Coffee Break</i>
15:30 – 17:30	Session 2 (Chair: Gregor Scheithauer)
15:30 – 16:00	On Analyzing Evolutionary Changes of Web Services <i>Martin Treiber, Hong-Linh Truong and Schahram Dustdar</i>
16:00 – 16:30	On the Feasibility of Bilaterally Agreed Accounting of Resource Consumption <i>Gregor Carlos Molina-Jimenez, Santosh Shrivastava and Nick Cook</i>
16:30 – 17:00	Managing Quality of Human-Based eServices <i>Robert Kern, Christian Zirpins and Sudhir Agarwal</i>
17:00 – 17:30	Discussion (Chair: Vincenzo D'Andrea) General discussion on service business ecosystems and workshop evaluation

TEAR08 Workshop

3rd Workshop on “Trends in Enterprise Architecture Research” (TEAR08)

Time: 1st December 2008, 9:00 – 17:30

Room: CB02.05.31

Program Overview

8:00 - 9:00	<i>Conference registration</i>
9:00 – 10:30	Session 1 (Chair: Pontus Johnson)
9:00 - 9:30	Introduction <i>Pontus Johnson, Stephan Aier, Joachim Schelp</i>
9:30 – 10:00	Towards a Sophisticated Understanding of Service Design for Enterprise Architecture <i>Stephan Aier and Bettina Gleichauf</i>
10:00 – 10:30	A Conceptual Framework for the Governance of Service-Oriented Architectures <i>Jan Bernhardt and Detlef Seese</i>
10:30 – 11:00	<i>Coffee break</i>
11:00 – 12:30	Session 2: (Chair: Stephan Aier)
11:00 – 11:30	Using Enterprise Architecture Models and Bayesian Belief Networks for Failure Impact Analysis <i>Oliver Holschke, Per Närman, Waldo Rocha Flores, Evelina Eriksson and Marten Schönherr</i>
11:30 – 12:00	Assessing System Availability Using an Enterprise Architecture Analysis Approach <i>Jakob Raderius, Per Närman and Mathias Ekstedt</i>
12:00 – 12:30	An Information Model for Landscape Management - Discussing Temporality Aspects <i>Sabine Buckl, Alexander Ernst, Florian Matthes and Christian M. Schweda</i>
12:30 – 13:30	<i>Lunch (on your own)</i>
13:30 – 15:00	Session 3: (Chair: Pontus Johnson)
13:30 – 14:00	A Lightweight Method for the Modelling of Enterprise Architectures – Introduction and Usage Feedback <i>Henk Koning, Rik Bos and Sjaak Brinkkemper</i>
14:00 – 14:30	A Contingency Approach to Enterprise Architecture Method Engineering <i>Christian Riege and Stephan Aier</i>

14:30 – 15:00	Towards a common terminology in the discipline of Enterprise Architecture <i>Marten Schönherr</i>
15:00 – 15:30	<i>Coffee break</i>
15:30 – 17:30	Discussion (Chair: TBA)
	Discussion and identification of trends and current EA research issues

SSME 2008 Workshop

Service Science, Management and Engineering (SSME) Education: Looking Ahead

Time: 1st December 2008, 9:30 – 12:15

Room: CB02.05.36

Program Overview

8:00 – 9:00	<i>Conference Registration</i>
9:30 – 9:45	Welcome <i>Joseph Davis, School of IT, University of Sydney</i>
9:45 – 10:30	Keynote: Educating the New Service Professional: What are the Essentials of a Service Curriculum? <i>Cheryl Kieliszewski, IBM Almaden Research Lab</i>
10:30 – 10:45	Experience in SSME Teaching <i>Andrea Stern, School of IT, University of Sydney</i>
10:45 – 11:00	SSME Relevant Teaching and Research at The University of Queensland <i>Marta Indulska, School of Business, University of Queensland</i> <i>Shazia Sadiq, School of Information Technology & Electrical Engineering, University of Queensland</i>
11:00 – 11:15	<i>Coffee Break</i>
11:15 – 11:30	A Service-Oriented Approach for Analysing Large-Scale Financial Data: Implications in Research and Teaching <i>Fethi Rabhi, School of Information Systems, Technology and Management, University of New South Wales</i>
11:30 – 11:45	How consumers view services and how service business managers can design service processes that are attractive to consumers <i>Lester W Johnson, Melbourne Business School, The University of Melbourne</i>
11:45 – 12:00	Design and Building SSME Interactive, Open Access Portal <i>Helen Paik, School of Computer Science and Engineering (CSE), The University of New South Wales</i>
12:00 – 12:15	Emerging Directions for SSME Teaching and Learning <i>Joseph Davis, School of IT, University of Sydney</i>

ADAGE 2008 Workshop

Adhoc Data Grid Environment Workshop

Time: 1st December 2008, 14:00 – 16:30

Room: CB02.05.36

Program Overview

2:00 – 2:30	Welcoming and presentation of ADAGE Project <i>A/Prof. Fethi Rabhi, School of Information Systems, Technology and Management, University of New South Wales</i>
2:30 – 3:00	Overview of ADAGE Architecture: An Event-Based Data Model and SOA for financial market data analysis <i>Dr. Adnene Guabtini, School of Information Systems, Technology and Management, University of New South Wales</i>
3:00 – 3:30	<i>Coffee Break</i>
3:30 – 3:45	Case study and demo on financial Market Data analysis (<i>Querying using "Taqtic", Measures calculation for "Structured Products" case study, Visualisation</i>) <i>A/Prof. Fethi Rabhi, School of Information Systems, Technology and Management, University of New South Wales</i>
3:45 – 4:00	Case study and demo on financial News analysis (<i>Querying, Enrichment, Summarization, Visualisation</i>) <i>Kader Lattab, School of Computer Science and Engineering, University of New South Wales</i>
4:00 – 4:30	Guest participants contributions <i>Christof Weinhardt, University of Karlsruhe,</i> <i>Martin Treiber, Vienna University of Technology, "Web Service Evolution - Separation of Concerns"</i>
4:30	Open discussion on emerging directions/case studies for ADAGE project

PhD Symposium

Time: 1st December 2008, 9:00 – 17:30

Room: CB02.05.37

9:00 - 9:30	Keynote Talk: Advice to PhD Students in Service-Oriented Computing <i>Prof. Marlon Dumas, University of Tartu, Estonia</i>
	Session: Quality of service Chair: Prof. Marlon Dumas, University of Tartu, Estonia
9:30 - 10:00	Distributed and Scalable QoS Optimization for Dynamic Web Service Composition <i>Mohammad Alrifai, L3S Research Center, University of Hannover, Germany</i>
10:00 - 10:30	Quality-driven Design and Management of Service-oriented Software Systems <i>Tan Phan, Swinburne University of Technology, Australia</i>
10:30 - 11:00	<i>Coffee Break</i>
	Session: Service Engineering Chair: Prof. Marie-Christine Fauvet, Université Joseph Fourier, France
11:00 - 11:30	Supporting Documentation and Evolution of Crosscutting Concerns in Business Processes <i>Chiara Di Francescomarino, Fondazione Bruno Kessler-IRST, Italy</i>
11:30 - 12:00	Pervasive Services Engineering for SOAs <i>Dhaminda Abeywickrama, Monash University, Australia)</i>
12:00 - 12:30	Towards Adaptive Service Development <i>Aries Tao, Macquarie University, Australia</i>
12:30 - 01:30	<i>Lunch (on your own)</i>
	Session: Security, Privacy and Trust in Services Chair: Prof. Farouk Toumani, Universit Blaise Pascal, France
1:30 - 2:00	An Architecture Approach to Dependable Trust-based Service Systems. <i>Suronapee Phoomvuthisarn, NICTA, Australia</i>
2:00 - 2:30	Authorization Control in Business Collaboration <i>Daisy Daiqin He, Macquarie University, Australia</i>
2:30 - 3:00	TPIM: Transparent Privacy-Enhanced Identity Management of Web Services. <i>Yong Yang, Macquarie University, Australia</i>

3:00 - 3:30	<i>Coffee Break</i>
	Session: Service Modeling and Composition Chair: Prof. Fabio Casati, University of Trento, Italy
3:30 - 4:00	Realizing the Internet of Things in Service-Centric Environments. <i>Yanbo Wu, The University of Adelaide, Australia</i>
	Panel Discussion Moderator: Dr Hamid Motahari, HP Labs, USA
4:00 – 5:00	Topic: Career Opportunities for PhD graduates in SOC, and Emerging Research Directions in SOC Members: <ul style="list-style-type: none">• Prof. Fabio Casati, University of Trento, Italy• Prof. Marlon Dumas, University of Tartu, Estonia• Prof. Farouk Toumani, Blaise Pascal University, France

Main Conference Program Overview

	1st Dec	2 nd Dec	3 rd Dec	4 th Dec
8:00 – 8:30	Registration (CB02.04.23)	Registration (CB02.04.23)	Registration (CB02.04.23)	Registration (CB02.04.23)
8:30 – 9:00				
9:00 – 9:30	Workshop / PhD Symposium	Opening (CB02.04.13)	Keynote 2 - By Neel Sundaresan (CB02.04.13)	Keynote 3 - By Peter Vosshall (CB02.04.13)
9:30 – 10:00		Keynote 1 - By Ian Foster (CB02.04.13)		
10:00 – 10:30	Coffee break	Coffee break	Coffee break	Coffee break
10:30 – 11:00				
11:00 – 11:30	Lunch (included in conference registration)	(RRP 1) Business Service Modelling I (CB02.04.11)	(RRP 5) SOA Runtime (CB02.04.11)	(Industry 2) Service Management & Design (CB02.04.11)
11:30 – 12:00		(RRP 2) Service Assembly & Grid Services (CB02.04.13)		
12:00 – 12:30	Lunch (included in conference registration)	Lunch (included in conference registration)	Lunch (included in conference registration)	Lunch (included in conference registration)
12:30 – 1:30				
1:30 – 2:00	Coffee break	Coffee break	Coffee break	Coffee break
2:00 – 2:30				
2:30 – 3:00	(RRP 3) Business Service Modelling II (CB02.04.11)	(RRP 4) Service Management (CB02.04.13)	(RRP 7) System of Systems Integration (CB02.04.11)	(RRP 8) Quality of Service I (CB02.04.13)
3:00 – 3:30	Coffee break	Coffee break	Coffee break	Coffee break
3:30 – 4:00				
4:00 – 4:30	Industry Keynote - By Donald Ferguson (CB02.04.13)	Demo Jam – Overview Presentation (CB02.04.11)	Panel Discussion (CB02.04.13)	Open Demo Booths (CB02.04.23)
4:30 – 5:00				
5:00 – 5:30	Break	Break	Open Demo Booths (CB02.04.23)	Closing (CB02.04.13)
5:30 – 6:00				
6:00 – 6:30	Conference Reception	Social Activity (Harbour Cruise)	Break	Conference Dinner (starts at 7:00pm)
6:30 – 7:00				
7:00 – 8:00				

Conference Program

Tuesday, 2nd December, 2008

8:00	Conference Registration Opens
9:00-9:30	Conference Opening and Welcome
9:30-10:30	<p>Keynote 1 (Room CB02.04.13) Chair: Mike Papazoglou</p> <p>Services for Science <i>Ian Foster, Computation Institute, Argonne National Laboratory & University of Chicago</i></p>
10:30-11:00	<i>Coffee Break</i>
11:00-12:30	<p>Regular Research Paper 1: Business Service Modelling I (Room: CB02.04.11) Chair: Marie-Christine Fauvet</p> <p>Protocol-based Web service composition, <i>Ragab Hassen, Ramy; Nourine, Lhouari; Toumani, Farouk</i></p> <p>Adaptation of Web Service Composition based on Workflow Patterns <i>He, Qiang; Yan, Jun; Jin, Hai; Yang, Yun</i></p> <p>Quality-driven Business Policy Specification and Refinement for Service-Oriented Systems <i>Phan, Tan; Han, Jun; Schneider, Jean-Guy; Wilson, Kirk</i></p>
	<p>Regular Research Paper 2: Service Assembly & Grid Services (Room CB02.04.13) Chair: Cesare Pautasso</p> <p>Design and Implementation of a Fault Tolerant Job Flow Manager Using Job Flow Patterns and Recovery Policies <i>Kalayci, Selim; Ezenwoye, Onyeka; Viswanathan, Balaji; Dasgupta, Gargi; Sadjadi, S. Masoud; Fong, Liana</i></p> <p>Building Mashups for The Enterprise with SABRE <i>Maraikar, Ziyen; Lazovik, Alexander; Arbab, Farhad</i></p> <p>Adaptation of Service Protocols using Process Algebra and On-the-Fly Reduction Techniques <i>Mateescu, Radu; Poizat, Pascal; Salan, Gwen</i></p>
12:30-1:30	<i>Lunch (included in conference registration)</i>

<p>1:30-3:00</p>	<p>Regular Research Paper 3: Business Service Modelling II <i>(Room: CB02.04.11)</i> Chair: Winfried Lamersdorf</p> <p>Reasoning on semantically annotated processes <i>Di Francescomarino, Chiara; Ghidini, Chiara; Rospocher, Marco; Serafini, Luciano; Tonella, Paolo</i></p> <p>Authorization and User Failure Resiliency for WS-BPEL business processes <i>Paci, Federica; Ferrini, Rodolfo; Sun, Yuqing; Bertino, Elisa</i></p> <p>Automatic Workflow Graph Refactoring and Completion <i>Vanhatalo, Jussi; Völzer, Hagen; Leymann, Frank; Moser, Simon</i></p>
	<p>Regular Research Paper 4: Service Management <i>(Room: CB02.04.13)</i> Chair: Helen Paik</p> <p>The LLAMA Middleware Support for Accountable Service-Oriented Architecture <i>Panahi, Mark; Lin, Kwei-Jay; Zhang, Yue; Chang, Soo Ho; Zhang, Jing; Varela, Leonardo</i></p> <p>Automatic Realization of SOA Deployment Patterns in Distributed Environments <i>Arnold, William; Eilam, Tamar; Kalantar, Michael; Konstantinou, Alexander; Totok, Alexander</i></p> <p>Event-Driven Quality of Service Prediction <i>Zeng, LiangZhao; Lingenfelder, Christoph; Lei, Hui; Chang, Henry</i></p>
<p>3:00-3:30</p>	<p><i>Coffee Break</i></p>
<p>3:30-4:30</p>	<p>Industry Keynote <i>(Room: CB02.04.13)</i> Chair: Fabio Casati</p> <p>Managing and Internet Service Bus <i>Donald F. Ferguson, Chief Architect, Enterprise IT Management Products CA, Inc.</i></p>
<p>4:30-5:30</p>	<p>Industry Session 1: Multi Tenancy <i>(Room: CB02.04.13)</i> Chair: Liam O'Brien</p> <p>Resource Calculations with Constraints, and Placement of Tenants and Instances for Multi-Tenant SaaS Applications <i>Kwok, Thomas; Mohindra, Ajay</i></p> <p>SPIN: Service Performance Isolation Infrastructure in Multi-tenancy Environment <i>Li, Xin Hui; Liu, Tiancheng; LI, Ying; Chen, Ying</i></p>

<p>Demo Session: Overview Presentations (Room: CB02.04.11) Chair: Marlon Dumas</p> <p>WS-Engineer 2008: A Service Architecture, Behaviour and Deployment Verification Platform <i>Foster, Howard;</i></p> <p>ROME4EU: a Web Service-based Process-aware System for Smart Devices <i>Battista, Daniele; de Leoni, Massimiliano; De Gaetanis, Alessio; Mecella, Massimo; Pezzullo, Alessandro; Russo, Alessandro; Saponaro, Costantino</i></p> <p>Yowie: Information extraction in a service enabled world <i>Kowalkiewicz, Marek; Juenemann, Konrad</i></p> <p>MetaCDN: Harnessing storage clouds for high performance content delivery <i>Broberg, James; Tari, Zahir</i></p> <p>Exploration of Discovered Process Views in Process Spaceship <i>Motahari Nezhad, Hamid Reza; Benatallah, Boualem; Casati, Fabio; Saint-Paul, Regis; Adritsos, Periklis; Guabtmi, Adnene;</i></p> <p>Siena: From PowerPoint to Web App in 5 Minutes <i>Cohn, David; Dhoolia, Pankaj; Heath, Fenno; Pinel, Florian; Vergo, John</i></p>
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Wednesday, 3rd December, 2008

8:30	Conference Registration Opens
9:00-10:00	<p>Keynote 2 (Room: CB02.04.13) Chair: Vincenzo D'Andrea</p> <p>Services in the Long Tail World: Challenges and Opportunities <i>Neel Sundaresan, Sr. Director and Head, eBay Research Labs</i></p>
10:00-10:30	<i>Coffee Break</i>
10:30-12:30	<p>Regular Research Paper 5: SOA Runtime (Room: CB02.04.11) Chair: Farouk Toumani</p> <p>Transparent Runtime Adaptability for BPEL Processes <i>Mosincat, Adina; Binder, Walter</i></p> <p>ubiSOAP: A Service Oriented Middleware for Seamless Networking <i>Caporuscio, Mauro; Raverdy, Pierre-Guillaume; Moun gla, Hassine; Issarny, Valerie</i></p> <p>An Autonomic Middleware Solution for Coordinating Multiple QoS Controls <i>Liu, Yan; Tan, Min'an; Gorton, Ian; Clayphan, Andrew;</i></p> <p>Towards A Service-Oriented Approach for Managing Context in Mobile Environment <i>Wibisono, Waskitho; Zaslavsky, Arkady; Ling, Sea</i></p> <hr/> <p>Regular Research Paper 6: Business & Economical Aspects of Services (Room: CB02.04.13) Chair: Stefan Tai</p> <p>Organizational Constraints to Realizing Business Value from Service Oriented Architectures: An Empirical Study of Financial Service Institutions <i>Luthria, Haresh; Rabhi, Fethi</i></p> <p>Business Driven SOA Customization <i>Mazzoleni, Pietro; Srivastava, Biplav</i></p> <p>Sound Multi-party Business Protocols for Service Networks <i>Mancioppi, Michele; Carro, Manuel; van den Heuvel, Willem-Jan; Papazoglou, Mike</i></p> <p>E-marketplace for Semantic Web services <i>Abramowicz, Witold; Haniewicz, Konstanty; Kaczmarek, Monika; Zyskowski, Dominik</i></p>

12:30-1:30	<i>Lunch (included in conference registration)</i>
1:30-3:00	<p>Regular Research Paper 7: System of Systems Integration (Room: CB02.04.11) Chair: Jian Yang</p> <p>A Framework for Semantic Sensor Network Services <i>li, lily; Taylor; Kerry</i></p> <p>Non-desynchronizable Service Choreographies <i>Decker, Gero; Barros, Alistair; Kraft, Frank Michael; Lohmann, Niels</i></p> <p>Automatic Mash Up of Composite Applications <i>Carlson, Michael; Ngu, Anne; Podorozhny, Rodion; Zeng, LiangZhao</i></p> <p>Regular Research Paper 8: Quality of Service (Room: CB02.04.13) Chair: Ryszard Kowalczyk</p> <p>Context-driven Autonomic Adaptation of SLA <i>Herssens, Caroline; Faulkner, Stephane; Jureta, Ivan;</i></p> <p>An Initial Approach to Explaining SLA Inconsistencies <i>Mller, Carlos; Ruiz, Antonio; Resinas, Manuel</i></p> <p>Determining QoS of WS-BPEL Compositions <i>Mukherjee, Debdoot; Gowri Nanda, Mangala; Jalote, Pankaj</i></p>
3:00-3:30	<i>Coffee Break</i>
3:30-5:00	Panel Discussion (Room: CB02.04.13)
5:00-6:00	<p>Short Research Paper 1: Business Service Modelling (Room: CB02.04.11) Chair: Hamid Motahari</p> <p>Batch Invocation of Web Services in BPEL Process <i>Bao, Liang; Chen, Ping; Zhang, Xiang; Chen, Sheng; Hu, Shengming; Yang, Yang</i></p> <p>From Business Process Models to Web Services Orchestration: The Case of UML 2.0 Activity Diagram to BPEL <i>Zhang, Man; Duan, Zhenhua</i></p> <p>Deriving business service interfaces in Windows Workflow from UMM transactions <i>Zapletal, Marco</i></p>
	Open Demo Booths (In Parallel with Short Research Paper 1)
6:00-late	Break and Conference Dinner (Dinner starts at 7pm)

Thursday, 4th December, 2008

8:30	Conference Registration Opens
9:00-10:00	<p>Keynote 3 (Room: CB02.04.13) Chair: Athman Bouguettaya</p> <p>Web Scale Computing: The Power of Infrastructure as a Service <i>Peter Vosshall, Amazon VP and Distinguished Engineer</i></p>
10:00-10:30	<i>Coffee Break</i>
10:30-12:30	<p>Industry Session 2: Service Management and Design (Room: CB02.04.11) Chair: Julien Vayssière</p> <p>Discovering and Deriving Service Variants from Business Process Specifications <i>Narendra, Nanjangud; Ponnalagu, Karthikeyan</i></p> <p>Management as a Service for IT Service Management <i>Yang, Bo; Wang, Hao; Chen, Ying</i></p> <p>SMART: Application of a Method for Migration of Legacy Systems to SOA Environments <i>Balasubramaniam, Sriram; Lewis, Grace; Morris, Ed; Simanta, Soumya; Smith, Dennis</i></p> <p>Market Overview of Enterprise Mashup Tools <i>Hoyer, Volker; Fischer, Marco.</i></p> <p>Short Research Paper 2: Service and Quality Engineering I (Room: CB02.04.13) Chair: Althea Liang</p> <p>Automated Service Composition with Adaptive Planning <i>Beauche, Sandrine; Poizat, Pascal</i></p> <p>Verifying Interaction Protocol Compliance of Service Orchestrations <i>Schroeder, Andreas; Mayer, Philip</i></p> <p>Towards Automated WSDL-based Testing of Web Services <i>Polini, Andrea; Marchetti, Eda; Bartolini, Cesare; Bertolino, Antonia</i></p> <p>Formation of Service Value Networks for Decentralized Service Provisioning <i>Speiser, Sebastian; Blau, Benjamin; Lamparter, Steffen; Tai, Stefan</i></p>

	<p>A Planning-Based Approach for the Automated Configuration of the Enterprise Service Bus <i>Liu, Zhen; Ranganathan, Anand; Riabov, Anton</i></p>
	<p>Open Demo Booths (In Parallel with Industry session 2 and SRP 2)</p>
12:30-1:30	<p><i>Lunch (included in conference registration)</i></p>
1:30-3:00	<p>Regular Research Paper 9: Service Engineering (Room: CB02.04.11) Chair: Luciano Baresi</p> <p>SOAlive Service Catalog: A Simplified Approach to Describing, <i>Silva-Lepe, Ignacio; Subramanian, Revathi; Rouvellou, Isabelle; Mikalsen, Thomas; Diament, Judah; Iyengar, Arun</i></p> <p>Ontology-Based Compatibility Checking for Web Service Configuration Management <i>Liang, Qianhui Althea; Huhns, Michael</i></p> <p>WorldTravel: A Testbed for Service-Oriented Applications <i>Budny, Peter; Govindharaj, Srihari; Schwan, Karsten</i></p> <p>Regular Research Paper 10: Quality of Service II (Room: CB02.04.13) Chair: Mohand-Said Hacid</p> <p>QoS Policies for Business Processes in Service Oriented Architectures <i>Baligand, Fabien; Rivierre, Nicolas; Ledoux, Thomas</i></p> <p>A Runtime Quality Architecture for Service-Oriented Systems <i>Robinson, Daniel; Kotonya, Gerald</i></p> <p>TCP-Compose* - A TCP-net based Algorithm for Efficient Composition <i>Santhanam, Ganesh Ram; Basu, Samik; Honavar, Vasant</i></p>
3:00-3:30	<p><i>Coffee Break</i></p>
3:30-5:30	<p>Short Research Paper 3: Service and Quality Engineering II (Room: CB02.04.11) Chair: Vladimir Tosic</p> <p>VGC : Generating Valid Global Communication Models of Composite Services using Temporal Reasoning <i>Gooneratne, Nalaka; Tari, Zahir; Harland, James</i></p> <p>A Model-Driven Approach to Dynamic and Adaptive Service Brokering using Modes <i>Foster, Howard; Mukhija, Arun; Rosenblum, David; Uchitel, Sebastian</i></p> <p>Authorization Policy Based Business Collaboration Reliability Verification <i>Sun Haiyang; Wang, Xin; Yang, Jian; ; Zhang, Yanchun</i></p>

	<p>Predicting and Learning Executability of Composite Web Services <i>Tanaka, Masahiro; Ishida, Toru</i></p> <p>Specify Once Test Everywhere: Analyzing Invariants to Augment Service Descriptions for Automated Test Generation <i>Paradkar, Amit; Sinha, Avik</i></p> <p>Integrated Security Context Management of Web Components and Services in Federated Identity Environments <i>Kumar, Apurva</i></p>
	<p>Short Research Paper 4: QoS, Assembly & Management (Room: CB02.04.13) Chair: Surya Nepal</p> <p>Model Identification for Energy-aware Management of Web Service Systems <i>Tanelli, Mara; Ardagna, Danilo; Lovera, Marco; Zhang, Li</i></p> <p>COSMA – An Approach for Managing SLAs in Composite Services <i>Ludwig, Andre; Franczyk, Bogdan</i></p> <p>Optimised Semantic Reasoning for Pervasive Service Discovery <i>Steller, Luke; Krishnaswamy, Shonali</i></p> <p>LASS - License Aware Service Selection: Methodology and Framework <i>Gangadharan, G.R.; Comerio, Marco; Truong, Hong-Linh; D'Andrea, Vincenzo; De Paoli, Flavio; Dustdar, Schahram</i></p> <p>A Framework for Advanced Modularization and Data Flow in Workflow Systems <i>Joncheere, Niels; Deridder, Dirk; Van Der Straeten, Ragnhild; Jonckers, Viviane</i></p> <p>Integrated and Composable Supervision of BPEL Processes <i>Baresi, Luciano; Guinea, Sam; Pasquale, Liliana</i></p>
<p>5:50-6:00</p>	<p>Conference Closing</p>

SOA Summer School Program

Friday 5th December 2008

Room: CB02.04.11

Time	Activity
8:30 – 10:00	Migration to Service Oriented Architecture (SOA) With Selected Research Challenges (Part I) Speaker: Dennis Smith Affiliation: Carnegie Mellon University, Software Engineering Institute Email: dbs@sei.cmu.edu
10:00 – 10:30	<i>Coffee break</i>
10:30 – 12:00	Migration to Service Oriented Architecture (SOA) With Selected Research Challenges (Part II) Speaker: Dennis Smith Affiliation: Carnegie Mellon University, Software Engineering Institute Email: dbs@sei.cmu.edu
12:00 – 13:00	<i>Lunch break (on your own)</i>
13:00 – 15:00	Service Analysis and Design Speaker: Mike P. Papazoglou Affiliation: Tilburg University, The Netherlands Email: mikep@uvt.nl
15:00 – 15:30	<i>Coffee Break</i>
15:30 – 16:30	Security Challenges in the Information Centric World Speaker: Professor Vijay Varadharajan Affiliation: Macquarie University Email: vijay@ics.mq.edu.au
16:30 – 19:00	Distributed Scientific Workflows: Techniques, Tools and Applications Speaker: Professor Omer Rana Affiliation: School of Computer Science, Cardiff University E-mail: o.f.rana@cs.cardiff.ac.uk

Saturday 6th December 2008

Room: CB02.04.11

9:00 - 10:00	GET Connected: A Companion Tutorial on Web-based Services (Part I) Speakers: Dr. Halvard Skogsrud and Dr. Jim Webber Affiliation: ThoughtWorks Email: Halvard: halvard@skogsrud.com and Jim: jim@webber.name
10:00 - 10:30	Coffee break
10:30 - 12:30	GET Connected: A Companion Tutorial on Web-based Services (Part II) Speakers: Dr. Halvard Skogsrud and Dr. Jim Webber Affiliation: ThoughtWorks Email: Halvard: halvard@skogsrud.com and Jim: jim@webber.name

Appendix

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