CAiSE '15

27th International Conference on Advanced Information Systems Engineering

8-12 June 2015, Stockholm, Sweden

Conference Program

Table of Contents

Committees	2
Keynotes	4
Invited talk	7
Panels	13
Working Conferences	18
Workshops	19
CAiSE	
Conference	24
Doctoral consortium	24
Forum	25
Industry track	25
Floor plan	26
Schedule	
Overview	27
Detailed	32
Social events	
Workshop dinner	62
Conference reception	63
Conference dinner	64
Getting online	65

CAiSE '15

http://caise2015.dsv.su.se

Welcome!

Welcome to the 27th International Conference on Advanced Information Systems Engineering (CAiSE'15), held in Stockholm, Sweden, June 8 - 12, 2015!

The themes of CAiSE'15 are Creativity, Ability and Integrity in information Systems Engineering, which are key components for enabling information systems to move beyond traditional information management and to organically blend into the environment, appealing to large and diverse user bases. These themes are reflected in the scientific program, including keynotes on systems thinking, big data in cognitive systems, and innovation experiment systems as well as paper sessions on social and collaborative computing, applications in industry and smart cities, and inter-organizational process engineering.

CAiSE'15 received 236 full-paper submissions from all over the world: Europe (25 countries), Algeria, Brazil, Australia, Canada, China, Columbia, Egypt, India, Iran, Israel, Japan, New Zealand, Pakistan, Saudi Arabia, Singapore, Tunisia, United Arab Emirates, USA, and Vietnam. The papers addressed different topics – models, methods, techniques, architectures, platforms, as well as domain-specific, multi aspect, and new generation solutions in the information systems engineering discipline. With the 31 accepted papers, the proceedings of CAiSE'15 reflect the high quality of the included contributions.

The conference also includes tutorials, panels, a PhD consortium, and working conferences and workshops. We are very grateful to the authors for submitting their work, and the program committee and board members for participating in the review and selection process.

Stockholm is the capital of Sweden. The city is not only an economic and political centre, but also rich in cultural heritage and media settings. The CAiSE'15 conference reception will be given in the City Hall, the annual venue of the Nobel prize banquet, and the conference dinner will be held at the open-air museum Skansen.

Welcome to CAiSE'15!

Paul Johannesson, general chair
Marite Kirikova, program chair
Jelena Zdravkovic, program chair

Committees

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Samira Si-Said Cherfi
Pnina Soffer
Janis Stirna
Barbara Weber
Jelena Zdravkovic

Keynotes

JUNE 10
09:30–
10:45

Aula

Harold W. "Bud" Lawson

Keynote 1 - Attaining a Systems Perspective

Obtaining and utilizing a systems perspective that enables the capability to "think" and "act" in terms of systems is vital for Information Systems Engineers that develop and deploy products and services that are integrated into wider systems in various environments. To be able to use concepts, principles and paradigms as common mental models as well as to share a vocabulary of terminology all are essential for achieving understanding and communication. This applies to individuals as well as for all forms of organized group activities in treating the life cycle aspects of an information system. In this keynote address, a proven approach to attaining a broad common systems perspective is presented and related to information systems.

Harold W. "Bud" Lawson

Harold W. "Bud" Lawson has been active in the computing and systems arena since 1958 and has broad international experience in private and public organizations as well as academic environments. Experienced in many facets of computing and computer-based systems, including systems and software engineering, computer architecture, real-time, programming languages and compilers, operating systems, life-cycle process standards, various application domains as well as computer and systems related education and training. He contributed to several pioneering efforts in hardware and software technologies at Univac, IBM, Standard Computer Corporation, and Datasaab. In 2000, he received the prestigious IEEE Computer Pioneer Charles Babbage medal award for his 1964 invention of the pointer variable concept for programming languages.

Harold Lawson has held permanent and visiting professorial appointments at several universities including Polytechnic Institute of Brooklyn, University of California, Irvine, Universidad Politecnica de Barcelona, Linköpings University, Royal Technical University, University of Malaya and Keio University. He is a Fellow of the Association for Computing Machinery, Fellow and Life Member of the IEEE and Fellow of the International Council on Systems Engineering.

Harold Lawson is retired but is still an active consultant and is the Coordinating Editor of the College Publications Systems Series.

JUNE 11
09:00–
10:15

Aula

Alexandra "Saška" Mojsilović

Keynote 2 - The Age of Data & The New Era of Computing

The emergence of social networking, sensors, mobile devices, business data warehouses, scientific and government records creates an abundance of information. We like to call it "Big Data." Big Data comes in all forms: sound, video, images, symbols, measurements and natural language. It is changing the way we live and work, the way businesses operate and the way govern-ments are run. And it is fundamentally changing the Information Technology landscape, giving rise to a new generation of cognitive systems that sense, predict, infer, recommend, hypothesize, and in some ways, reason. The combination of people and computers will be able to think in a way that neither people nor computers have ever done before; it will amplify human abilities and lead to new

breakthroughs, assist us in making better choices, look out for us, and help us navigate our world in powerful new ways.

Aleksandra Mojsilović

Aleksandra "Saška" Mojsilović manages Data Science Group at the IBM T. J. Watson Research Center in Yorktown Heights, New York. Aleksandra is one of the pioneers of business analytics at IBM; throughout her career she championed innovative uses of analytics for business decision support: from the early identification of client risk via predictive modeling, to the estimation of outsourcing benefits via signal analysis in support of IBM marketing campaigns. Over the last decade, as a lead scientist, Aleksandra drove the development of a portfolio of Smarter Workforce solutions and led their deployment within IBM for the enterprise-wide transformation. Working with key IBM clients in healthcare she led the development of differentiating analytics capabilities for healthcare payers. For her technical contributions and the business impact of her work, Aleksandra was appointed an IBM Fellow, the company's highest technical honor.

Saška received her PhD in Electrical Engineering in 1997 from the University of Belgrade, Belgrade, Serbia. She has worked at Bell Laboratories (1998-2000) and IBM Research (2000-present). Her research interests include multidimensional signal processing, pattern recognition, machine learning and predictive modeling, with applications to business analytics, healthcare, finance, multimedia, social and biomedical systems. She is the author of over 100 publications and holds 14 patents. Saška received a number of awards for her work, including the IEEE Young Author Best Paper Award, INFORMS Wagner Prize, IEEE International Conference on Service Operations and Logistics and Informatics Best Paper Award, European Conference on Computer Vision Best Paper Award, IBM Gerstner Award, IBM Market Intelligence Award and several IBM Outstanding Technical Achievement Awards.

Nicholas Millman

Industrial Keynote - Big Success with Big Data

In organizations that are using big data today, users report overwhelming satisfaction with their results, according to a new Accenture Analytics survey, and see big data as a catalyst for their transformation as digital enterprises.

Nicholas Millman

Nicholas Millman leads Big Data & Analytics Delivery for Accenture across Europe, Africa & Latin America. During the course of twenty years with Accenture, Nick has accumulated extensive experience of helping clients across a broad set of industries to drive value from their data. Nick holds a Masters degree in Chemical Engineering from Imperial College, London.

JUNE 11
11:00–12:30

Aula

Keynotes

JUNE 12
09:30–
10:45

Aula

Jan Bosch

Keynote 3 - From Opinions to Facts: Building Products Customers Actually Use

Research shows that for a typical system, more than half of all the features are never used. This is a colossal waste of R&D effort and is caused by companies asking customers and users what they want. Users don't know what they want and it's the engineer's job to find this out. Answering this question requires a systematic approach to exploring a broad set of hypotheses about functionality that might add value for users at different stages of development. The talk introduces the notion of Innovation Experiment Systems as a systematic method for optimising the user experience of existing features, developing new features as well as developing new products. The method uses different techniques dependent on the stage of development, including pre-development, development and commercial deployment. In each stage, frequent customer involvement, both active and passive, is used to constantly establish and improve the user experience. The method is based on data from eight industrial cases and stresses the importance of speed and rapid iterations in development. The talk uses numerous examples from industry are used to illustrate the concepts.

Jan Bosch

Jan Bosch is professor of software engineering and director of the Software Center at Chalmers University Technology in Gothenburg, Sweden. Earlier, he worked as Vice President Engineering Process at Intuit Inc where he also lead Intuit's Open Innovation efforts and headed the central mobile technologies team. Before Intuit, he was head of the Software and Application Technologies Laboratory at Nokia Research Center, Finland. Prior to joining Nokia, he headed the software engineering research group at the University of Groningen, The Netherlands, where he holds a professorship in software engineering. He received a MSc degree from the University of Twente, The Netherlands, and a PhD degree from Lund University, Sweden. His research activities include open innovation, innovation experiment systems, compositional software engineering, software ecosystems, software architecture, software product families and software variability management. He is the author of a book "Design and Use of Software Architectures: Adopting and Evolving a Product Line Approach" published by Pearson Education (Addison-Wesley & ACM Press), editor of several books and volumes and author of a significant number of research articles. He is editor for Journal of Systems and Software as well as Science of Computer Programming, chaired several conferences as general and program chair, served on many program committees and organized numerous workshops.

In the startup space, Jan is chairman of the board of Fidesmo in Stockholm, and Remente, in Gothenburg, Sweden. He serves on the advisory board of Assia Inc. in Redwood City, CA. Jan also runs a consulting firm, Boschonian AB, that offers its clients support around R&D and innovation management. More information about his background can be found at his website: www.janbosch.com.

JUNE 12
11:15–
12:45

L70

Roel Wieringa

Invited Talk: Design Science Methodology for Information Systems and Software Systems Engineering

The last ten years has seen a surge of interest in design science research in information systems, and of empirical research in software engineering. In this talk I present a framework for design science in information and software systems engineering that shows how in design science research, we iterate over designing new artifacts, and empirically investigating these artifacts. The logic of both of these activities, design and empirical research, is that of rational decision making. I show how this logic can be used to structure our research questions as well as how to structure reports about our research. This gives us a checklist for designing empirical research. Finally, I will discuss in more detail what the role of theories in design science research is, and how we use theory to state research questions and to interpret the research results.

Roel Wieringa

Roel Wieringa occupies the chair of Information Systems at the Department of Computer Science at the University of Twente, The Netherlands. His research interests include requirements engineering, conceptual modelling, and research methodology for software engineering and the design sciences. He has written three books, Requirements Engineering: Frameworks for Understanding (Wiley, 1996), Design Methods for Reactive Systems: Yourdon, Statemate and the UML (Morgan Kaufmann, 2003), and Design Science Methodology for Information Systems and Software Engineering (Springer, 2014).

Tutorials

JUNE 10
11:15–
12:45

L70

Steven Alter

Tutorial 1 - Work System Theory: A Bridge between Business and IT Views of Systems

This tutorial addresses the lack of readily usable and easily teachable concepts, frameworks, tools, and methods that bridge the gap between the people- and business-oriented sociotechnical world of business professionals and the abstract, technology-centric world of IT professionals and IS/IT researchers. That gap contributes to the widely recognized difficulty in communicating and collaborating around creating, implementing, and improving IT-reliant systems in organizations.

This tutorial explains the most updated version of work system theory and related ideas that were developed over several decades. Tutorial participants will receive a complete overview of the following: (a) main ideas of work system theory (WST), (b) application of WST in the work system method (WSM), and (c) extensions of WST that are useful to analyzing and designing systems and could motivate new thinking in subdisciplines such as sociotechnical systems, BPM, enterprise architecture, service-oriented thinking, agile development, and emergent change.

Intended Audience: (a) researchers who are looking for rigorous but understandable ways to explain IT-enabled systems and analyze cases involving IT-enabled systems, (b) business professionals who are looking for better ways to communicate and collaborate with business and IT professionals about systems in organizations, (c) IT professionals who are looking for a better ways to communicate and collaborate with business professionals, and (d) educators who want to help students understand and analyze IT-enabled systems as something more than software.

Steven Alter

Steven Alter is Professor of Information Systems at the University of San Francisco. He received his Ph.D. from MIT and converted his thesis into one of the first books on decision support systems. Eight years of experience as vice president of a successful software start-up led to a long term research stream concerning systems analysis concepts and methods that can be used by business professionals and can support communication with IT professionals. His 2006 book, The Work System Method: Connecting People, Processes, and IT for Business Results, is a distillation and extension of ideas in 1992, 1996, 1999, and 2002 editions of his information system textbook.

His subsequent research focuses on work system theory and many extensions related to work system principles and design spaces, work system metamodels, service systems, workarounds, and other topics. His articles have been published in Harvard Business Review, Sloan Management Review, MIS Quarterly, JAIS, CAIS, IBM Systems Journal, European Journal of Information Systems, Decision Support Systems, Interfaces, Communications of the ACM, CIO Insight, and many refereed conference proceedings.

JUNE 10
14:15–
15:45

L70

John Venable

Tutorial 2 - FEDS2: A Pracstical Tutorial on the Framework for Evaluation in Design Science Research (version 2)

The Framework for Evaluation in Design Science Research version 2 (FEDS2) supports researchers with a comprehensive approach to decision making, planning, and designing the evaluation strategies, approaches, and activities that are an essential component of high quality Design Science Research (DSR). FEDS2 has been co-developed by the presenter and is based on, combines, and extends two earlier approaches (Venable, Pries-Heje, and Baskerville, 2012, 2014). FEDS2 includes several frameworks and a process for applying them to guide DSR researchers. The goals of this tutorial are to describe the newest version of the FEDS2 technique, provide a deeper understanding of the FEDS2 technique than that provided in available publications, to provide opportunities to practice applying the FEDS2 technique to the participants' own research, and to help the participants to progress and improve their DSR work.

The teaching method to be used will be a combination of (a) Introduction and presentation of FEDS2 by the presenter,(b) Discussion of FEDS2 and an example by the participants, (c) Application of FEDS2 by participants to their own research, and (d) Individualised feedback and group discussion on the participants' applications of FEDS2.

Intended Audience: this mini-tutorial is intended for practicing and student Design Science Researchers who wish to learn and apply a practical approach for determining how (at both the strategy and the detailed design levels) to effectively and efficiently (within resource constraints) evaluate designed purposeful artefacts and design theories about them, as an essential part of conducting DSR. It should be highly relevant and suitable for those novice and experienced researchers who wish to learn more about DSR, develop and progress their own DSR work, and/or supervise DSR projects.

This tutorial is more relevant to researchers than to practitioners, although practitioners are often engaged de facto in DSR or collaborate with DSR researchers. The tutorial presumes a basic familiarity with the DSR research paradigm, its more common methods, and Design Theory, although questions and discussion about these and the DSR approach generally are welcome.

John Venable

John Venable is Associate Professor and Director of Research at the School of Information Systems and Co-Director of the Curtin Business School Not-for-Profit Research Initiative, both at Curtin University, Perth, Western Australia. He has held academic positions in Information Systems and Computer Science in the USA, Denmark, New Zealand, and Australia. He has published in journals including European Journal of Information Systems, Journal of Information Technology, The Information Systems Journal, Information & Management, Scandinavian Journal of Information Systems, Information Technology & People, Communications of the Association for Information Systems, Journal of Community Informatics, Wirtschaftsinformatik, and the Electronic Journal of Business Research Methods. Dr Venable has published over 50 refereed papers about or using Design Science Research (DSR), is the incoming section editor for DSR of the Australasian Journal of Information Systems, co-organised the 2010 IFIP Working Groups 8.2 and 8.6 Joint In-

Tutorials

ternational Working Conference on "Human Benefit through the Diffusion of Information Systems Design Science Research", and co-edited a special issue of Information Technology and People on "Design and Diffusion of Systems for Human Benefit".

JUNE 10
16:15–17:45

L70

Arnon Sturm

Eric S. K. Yu

Tutorial 3 - Know-how Mapping with ME-map

Know-how, which refers to the practical knowledge that connects desired objectives to actions that can achieve those objectives, is a crucial foundation for today's advanced technological society. As more and more know-how is constantly being created, methods and techniques are needed for organizing, visualizing, understanding, and applying growing bodies of know-how. In this tutorial, we elaborate on the needs for mapping out such knowledge, provide an overview of approaches for addressing these needs, and elaborate on ME-map, a particular approach we developed for mapping know-how.

The ME-map approach centres around the means-ends relationship prominent in goal-oriented requirements engineering (hence the name ME-map), for depicting alternative solutions to problems and the trade-offs among them. By visualizing and analyzing the structure of the body of know-how in a domain, one can discover gaps in knowledge (open problems with missing or inadequate solutions), thereby guiding research directions and facilitating the evaluation of the impact of research results. Synergies across domains can potentially be discovered by making connections across know-how maps, creating new solutions. The progress of knowledge over time can be analyzed, as newly-invented methods and techniques are incrementally overlaid on top of the map of the existing body of know-how. We illustrate the approach and our experiences with examples from a number of areas, such as: variability in modeling business processes, customer retention, architecture documentation, and data mining. We conclude by outlining research challenges for know-how mapping.

Intended audience the tutorial should appeal to graduate students, researchers, and practitioners.

Arnon Sturm and Eric Yu

Arnon Sturm is a faculty member at Ben-Gurion University of the Negev, Israel. His research interests include software engineering, knowledge mapping, modeling, domain engineering, agent-oriented software engineering, and business process management. He had given multiple tutorials, on agent-oriented software engineering, and variability management, and has organized multiple events related to his research interests. Lately, he has co-edited two books: Domain Engineering, Product Lines, Languages, and Conceptual Models (Springer, 2013) and Agent-Oriented Software Engineering: Reflections on Architectures, Methodologies, Languages, and Frameworks (Springer, 2014).

Eric S. K. Yu is Professor at the University of Toronto, Canada. His research interests are in the areas of information systems modeling and design, requirements engineering, knowledge management, and software engineering. His contributions include the i* modeling framework, which served as a foundation for GRL, part of the ITU-T Standard Z.151 User Requirements

Notation. His publications include: Social Modeling for Requirements Engineering (MIT Press, 2011); Conceptual Modeling: Foundations and Applications (Springer, 2009); Non-Functional Requirements in Software Engineering (Springer, 2000), and more than 200 articles. He is an associate editor for the Int. Journal of Information Systems Modeling and Design, and serves on the editorial boards of the Int. J. of Agent Oriented Software Engineering, IET Software, and the Journal of Data Semantics. He is series co-editor of the MIT Press book series on Information Systems. He was program co-chair for the Int. Conference on Conceptual Modeling (ER) in 2008 and 2014.

Avigdor Gal

Matthias Weidlich

Tutorial 4 - Model Matching: Processes and Beyond

JUNE 11
11:00–12:30

L70

Conceptual models in general, and process models in particular, have been established as a means to design, analyse, and improve information systems. The creation, utilisation, and evolution of such models is supported by manifold concepts and techniques that offer, for instance, re-use driven modelling support, harmonisation of model variants, model-based system validation, and effective management of model repositories. Many of these techniques share reliance on the identification of correspondences between the entities of different models, also termed model matching.

This tutorial takes up recent advances in matching process models in particular and provides information systems engineers (both practitioners and researchers) with a comprehensive overview of concepts and matching techniques in this domain. We review similarity measures for the textual, structural, and behavioural dimensions of process models, which form the basis of matching techniques, and also outline how they may be applied for other types of conceptual models. The tutorial also includes a discussion of practical considerations for the application of process model matching and elaborates on open research challenges.

Intended audience: information systems engineers from both industry and academia.

Avigdor Gal and Matthias Weidlich

Avigdor Gal is an associate professor at Faculty of Industrial Engineering & Management, Technion. He is an expert on information systems. His research focuses on effective methods of integrating data from multiple and diverse sources, which affect the way businesses and consumers seek information over the Internet. His current work zeroes in on data integration — the task of providing communication between databases, and connecting such communication to real-world concepts. Another line of research involves the identification of complex events such as flu epidemics, biological attacks, and breaches in computer security, and its application to disaster and crisis management. He has applied his research to European and American projects in government, eHealth, and the integration of business documents. Prof. Gal has published more than 100 papers in leading professional journals (e.g. Journal of the ACM (JACM), ACM Transactions on Database Systems (TODS), IEEE Transactions on Knowledge and Data Engineering (TKDE), ACM Transactions on Internet Technology (TOIT), and the

VLDB Journal) and conferences (ICDE, BPM, DEBS, ER, CoopIS) and books (Schema Matching and Mapping). He authored the book Uncertain schema Matching in 2011, serves in various editorial capacities for periodicals including the Journal on Data Semantics (JoDS), Encyclopedia of Database Systems and Computing, and has helped organize professional workshops and conferences nearly every year since 1998. He has won the IBM Faculty Award each year from 2002-2004, several Technion awards for teaching, the 2011-13 Technion-Microsoft Electronic Commerce Research Award, and the 2012 Yanai Award for Excellence in Academic Education, and others.
Matthias Weidlich is a post-doctoral research associate in the Department of Computing at Imperial College London, United Kingdom. Before joining Imperial, he was a research fellow and adjunct lecturer at the Technion - The Israel Institute of Technology, Israel. He received his PhD in Computer Science from the Hasso Plattner Institute (HPI), University of Potsdam, Germany. His research focuses on process modeling and analysis, event-based systems, data interoperability, and uncertainty management. His results appeared in journals, such as IEEE TSE, IEEE TKDE, Information Systems, and The Computer Journal. Matthias has taught at the Technion and Imperial College in the area of process modeling and event-based systems.

JUNE 12
11:15–
12:45

L50

Gil Regev

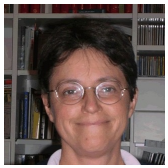
Tutorial 5 - Fundamental Systems Thinking Concepts for IS Engineering: Balancing between Change and Non-change

The introduction of a new IT system in an organization is always accompanied by changes to business processes, and sometimes to reporting structures and external relationships. Resistance to change is a well-known response to these initiatives. Understanding the necessity and inevitability of this resistance can help both researchers and practitioners. The take home message for researcher is to be more careful when they design their research and to appreciate that organizations will not necessarily implement methods immediately. For practitioners it is to appreciate people's resistance and build on it for the success of their project, as well as to take into account the time and effort it will take to get a new IT system accepted.
Intended Audience:
(a) Practitioners engaged or to be engaged in the introduction of IT systems in real organizations,(b) System designers who aim have their systems accepted by users, even in the face of resistance, (c) Researchers engaged in research related to technology adoption, and (d) Researchers engaged in case studies, action research or Design Science research in IS
Gil Regev
Gil Regev is a Senior Researcher at the School of Computer and Communication Sciences of the Ecole Polytechnique Fédérale de Lausanne (EPFL) and Knowledge Manager at Itecor, an IT consultancy firm based in Switzerland. Gil's research interests are in General Systems Thinking, which he applies to Enterprise Architecture, Requirements Engineering and Knowledge Management. Gil has published his research in numerous scientific papers and is applying it to his daily work . Gil has a Ph.D. in Enterprise Information Systems from EPFL and over 25 years of experience in research and industry.

Panel 1 - Topics in Information Systems Engineering

JUNE 10
16:15–17:45
Lilla Hörsalen

What are the future research directions for information systems engineering (ISE)? What are the possible evolutions and revolutions for ISE theories, methods, techniques and tools? What is the relationship between ISE and MIS? How to use ISE to support emerging areas such as big data, business analytics, open data, cybersecurity, social and mobile computing, and health informatics?
The panelists will present their viewpoints on some of the issues listed above and engage the audience in discussing and formulating directions for future research.



Barbara Pernici, moderator

Hajo Reijers

Pnina Soffer

Arne Sølvberg

Roel Wieringa

Moderator and Panelists

Barbara Pernici is full professor of Computer Engineering at the Politecnico di Milano. She has a doctor in engineering degree (laurea) from the Politecnico di Milano and a MS in Computer Science from Stanford University. Previously she was full professor at the University of Udine (1990-1993) and associate professor at the Politecnico di Milano (1987-1990). Her research interests include workflow information systems design, cooperative information systems, adaptive information systems, service engineering and web services, data quality, and computer based design support tools, energy efficiency in information systems. She has published more than 50 papers in international journals, co-edited 26 books, and published about 350 papers at international level.

Hajo Reijers is a full professor in Business Informatics at VU University Amsterdam and a part-time, full professor in Information Systems at Eindhoven University of Technology. He wrote his Ph.D. thesis while he was a manager with Deloitte.

Previously, he also worked for Bakkenist Management Consultants and Accenture. As a consultant, he has been involved in various reengineering projects and workflow system implementations, particularly for governmental agencies and organizations offering financial services. Hajo has led the industrial BPM research group at Lexmark from 2012 to 2014. He is currently the managing director of the European BPM Round Table (http://www.bpmroundtable.eu/).

The focus of Hajo's academic research is on business process redesign, workflow management, conceptual modeling, process mining, and simulation. On these topics, he published over 150 scientific papers, chapters in edited books, and articles in professional journals.

Pnina Soffer's main research areas: business process modelling and management, requirements engineering, and conceptual modelling.

Specific topics addressed include goal orientation, flexibility, interoperability, context-aware adaptation, process mining, and data integrity. My research builds on theoretical foundations - philosophical (ontological basis for process modeling) and psychological (cognitive aspects of process modeling and requirements engineering). I also deal specifically with process management in the medical domain, see http://bmip.haifa.ac.il/

Arne Sølvberg was born in 1940 in southwestern Norway. He received a M.Sc. in applied physics in 1963 from the Norwegian Institute of Technology (NTH), now the Norwegian University of Science and Technology (NTNU). In 1971 at NTH he received a Ph.D. in information systems. Thesis advisor was Börje Langefors (born 1915), professor of Business Information Systems at Stockholm University.

Between 1963 and 1974 Sølvberg worked at the university's computer center, building up education and research in information systems. In 1974 he became the first professor in the newly formed computer science department. Since 2002 he was dean of NTNU's Faculty of Information Technology, Mathematics and Electrical Engineering. He retired in 2010. He has been a visiting scientist with IBM San Jose Research Center (now Almaden research center), The University of Florida, The Naval Postgraduate School in Monterey, The University of California Santa Barbara (UCSB), Los Angeles (UCLA) and Berkeley (UCB).

He has been active in international organizations working toward cooperation in research. He represented Norway in IFIP TC8 from when it started in 1976. From 1979 to 1982 Arne Sølvberg represented Norway at the IFIP General Assembly. From 1982 to 1988, he was chairman of IFIP WG8.1 for Information Systems Design. Until 1994 he served as a trustee in the VLDB Endowment. He cofounded the CAiSE conference series

Sølvberg's main research interests are in the fields of information systems design methodology, information modelling, information systems engineering and model driven design.

Roel Wieringa. Please find Roel's biography in the Invited talk section.

Industrial Panel - Digital Transformation and its Impact on Industry, Research and Society

JUNE 11
14:00–15:30
Lilla Hörsalen

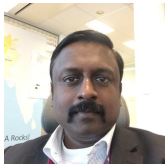
In the last few decades we have seen tremendous change in business, research and society, enabled by the advancements in ICT. Business intelligence and analytics together with Internet of Things have emerged as an important area of innovation and industrial application. In the future, we expect to see more changes in society, governments and enterprises introducing new business models and organizational and technical innovations.

We have invited prominent practitioners from different industries to participate in a panel discussion that will focus on the evolution of digital transformation. The Internet itself is only a couple of decades old. But during that time, we have seen impressive changes in technology that have touched each one of us. With new gadgets being introduced, the social adoption is pervasive. Today, even children are 'smart phone savvy' and use instant messaging and other social media. How do the different industries see the opportunities this changing digital landscape presents? If they had a crystal ball to predict the future, where do they see their respective industries in a few years time? In a few decades?

Vandana Kabilan, moderator

Nicholas Millman

Alexandra "Saška" Mojsilović



Kabilan Seenivasagan

Elisabeth Stjernstoft

Moderator and Panelists

Vandana Kabilan has been working for nearly 20 years in Information Systems with both structured and unstructured data. She started with relational databases and ERP systems and moved on to enterprise collaboration and knowledge management. Vandana holds a technology doctorate in ontologies/semantic web technologies from Royal Institute of Technology. Currently, Vandana works as a solution architect at Accenture. Her current interests are helping organisations with making sense of exploding data, getting the right information to the right person in time, and getting business insights from unstructured information.

Please find *Nick Millman's* and *Saška Mojsilović's* biographies in the Tutorials section.

Kabilan Seenivasagan is working as Business & Sales Director for Cloud & IP segment within Ericsson. Kabilan is a hardcore ICT professional with over 20

years of experience working globally with different markets and customers. He has experienced the Mobile Network Evolution from voice-based services, to the introduction of SMS to data-hungry services and now moving into Data Cloud & Analytics.
Elisabeth Stjernstoft has been a leader in the Swedish IT community for several years. She has been Chairman of the Board in Dataföreningen i Sverige, Stockholmskretsen. She is founder and chairman of Mission Possible Sweden, which is an NGO helping street children in Russia and Eastern Europe. She has worked as CIO of Bring Citymail Sweden AB, and she is presently CIO of Apoteket AB.

Panel 2 - Design Science in Information Systems Engineering

JUNE 11
16:00–17:30
Lilla Hörsalen

Design science has emerged as a promising research framework for carrying out relevant as well as rigorous research within the information systems area in general, and information systems engineering, in particular. The CAiSE'15 panel on design science gathers a number of distinguished scholars to discuss recent developments in design science research, including methodologies for artifact evaluation, standards for design science research, the role of theory in applied research, the difference between design and empirical research, the possibility that design science is sometimes applied ritualistically to legitimate research whose execution it did not influence significantly, the role of development theory and the incremental nature of theory formation in design science research, and the role of users and participation in design research.

Erik Perjons, moderator

Matti Rossi

Tuure Tuunanen

Steven Alter

Moderator and Panelists
Erik Perjons, Ph D, holds a position as a senior lecturer (assistant professor) at the Department of Computer and Systems Sciences (DSV), Stockholm University. I have worked at the department since 1999. My research and teaching interest includes areas such as enterprise and conceptual modeling, business process management, model-driven development, service oriented architecture, system integration, knowledge management, business intelligence and qualitative research methods. A main focus has been on identifying, understanding and analyzing practical problems in organizations, and designing business and IT solutions

John Venable

Roel Wieringa

addressing these problems. I have published over 60 papers in international journals and peer-review conference proceedings,published four books and several book chapters, participated in several domestic and international research projects in domains such as e-health, e-government and telecom, and supervised over 25 master thesis. I also have an university degree in journalism and has worked as journalist at several Swedish newspapers. Moreover, I have worked as a media analyst, analyzing how organizations or products are portrayed in different media such as newspapers, television and the internet.

Matti Rossi is a professor of information systems at Aalto University School of Economics. He has worked as research fellow at Erasmus University Rotterdam, visiting assistant professor at Georgia State University, Atlanta and visiting researcher at Claremont Graduate University. He has been the principal investigator in several major research projects funded by the technological development center of Finland and Academy of Finland.

His research papers have appeared in journals such as MIS Quarterly, Journal of AIS, Information and Management and Information Systems. He has been a senior editor of JAIS and Database for Advances of Information Systems and he is editor of Communications of the Association for Information Systems. Matti Rossi is a member of IEEE, ACM and AIS.

Tuure Tuunanen is a professor in the Department of Computer Science and Information Systems at the University of Jyväskylä. He is also a global faculty fellow of the Center for Service Leadership at Arizona State University. He holds a DSc (Econ) from the Helsinki School of Economics. His research has been in the cross-sections of information systems, software engineering, and marketing science and is interested in multi-disciplinary research in the area of service innovation. His current research interests lie in the areas of information systems development methods and processes, service engineering, and IT enabled services. Dr. Tuunanen's research has been published, e.g., at J. of Management Information Systems, J. of Association for Information Systems and J. of Service Research. He is an AE of J. of Service Research. More about his research can be found at http://www.tuunanen.fi.

Please find *Steven Alter's and John Venable's* biographies in the Tutorials section. Read more about *Roel Wieringa* in the Invited talk section.

Working Conferences

BPMDS'15–International Conference on Business Process Modeling, Development, and Support

JUNE
08–09

The topics addressed by the BPMDS series are focused on business processes and their IT support. This is one of the keystones of information systems theory beyond short-lived fashions. The continued interest in this topic on behalf of the IS community is reflected by the success of the past BPMDS events, and their promotion from a workshop to a working conference.
The BPMDS series has produced fourteen events from 1998 to 2013. From 2011, BPMDS has become a two-day working conference attached to CAiSE (Conference on Advanced Information Systems Engineering).
The basic principles of the BPMDS series are: (1) BPMDS serves as a meeting place for researchers and practitioners in the areas of business development, and business applications (software) development, (2) The aim of the event is mainly discussions, rather than presentations, (3) Each event has a theme that is mandatory for idea papers, and (4) Each event's results are, usually, published in a special issue of an international journal.
The topics addressed by the BPMDS series are focused on business processes and their IT support. This is one of the keystones of information systems theory beyond short-lived fashions.
This is the 16th edition of the BPMDS series.

EMMSAD'15–Exploring Modelling Methods for Systems Analysis and Design

JUNE
08–09

The field of information systems analysis and design includes numerous information modelling methods and notations (e.g. ER, ORM, UML, ArchiMate, EPC, BPMN, DEMO) that are typically evolving. Even with some attempts to standardize (e.g. UML for object-oriented software design), new modelling methods are constantly being introduced, many of which differ only marginally from previous approaches. These ongoing changes significantly impact the way information systems, enterprises, and business processes are being analyzed and designed in practice.
The EMMSAD conference focuses on exploring, evaluating, and enhancing modelling methods and methodologies for the analysis and design of information systems, enterprises, and business processes. Though the need for such studies is well recognized, there is a paucity of such research in the literature. The objective of the EMMSAD conference series is to provide a forum for researchers and practitioners interested in modelling methods for systems analysis and design to meet, and exchange research ideas and results. It also provides the participants an opportunity to present their research papers and experience reports, and to take part in open discussions.

ASDENCA 2015 – 2nd International Workshop on Advances in Services DEsign based on the Notion of CApability

JUNE 09

How does an Information Systems Engineer design, develop and maintain an information system in accordance with the capabilities of an enterprise? How does a Manager organize the company's service provision according to capabilities that a company may have, or develop or acquire in order to ensure a sustainable business? These are just two of the overarching questions that the ASDENCA workshop will address this year.

COGNISE 2015 – 3rd International Workshop on Cognitive Aspects of Information Systems Engineering

JUNE 09

Cognitive aspects of information systems engineering is an area that is gaining interest and importance in industry and research. In recent years, human aspects and specifically cognitive aspects in software engineering and information systems engineering have received increasing attention in literature and conferences, acknowledging that these aspects are as important as the technical ones, which have traditionally been in the center of attention.

The goal of this workshop is to provide a better understanding and more appropriate support of the cognitive processes and challenges practitioners experience when performing information systems development activities. Understanding the challenges and needs, educational programs as well as development supporting tools and notations may be enhanced for a better fit to our natural cognition, leading to better performance of engineers and higher systems' quality.

DiFenSE 2015 – 1st International Workshop on Digital Business Innovation and the Future Enterprise Information Systems Engineering

JUNE 09

Disruptive technological change has contributed in the last decade to accelerate the transition from a business-driven culture to a more 'social-oriented' one. Open innovation has become more influential and models of production and value creation are changing. The advent of social media, cloud computing, big data and the Internet of things outlines a new idea of socioeconomic organization, exemplified by the App Economy, already emerging as a collection of interlocking innovative ecosystems. "New Forms of Enterprises" emerge, driven by constant business model transformation and innovation, acting as multi-sided platforms built on -as well as emerging from- digital innovations at the global, as well as local level, to produce shared value including that beyond monetisation. The scope of the 1st International Workshop on Digital Business Innovation and the Future Enterprise Information Systems Engineering (DiFenSE 2015) encompasses all aspects of digital business innovation and the role of information systems engineering and conceptual modelling for design thinking and the discovery and exploitation of digital opportunities. Thus,

the workshop aims to promote and exchange ideas on the role and use of information systems engineering for future digital enterprises, digital business innovation and web entrepreneurship. The workshop is powered by the FP7 Future Enterprise Project Consortium.

EM 2015 – Enterprise Modeling

JUNE
08

The purpose of this workshop is to focus on a core topic in business and information systems engineering research. Enterprise modeling is an established approach for the conceptual representation, design, implementation and analysis of information systems and has gained much attention in academia as well as in industry. Enterprise modeling is today of primary importance to develop, analyze and deploy information systems that operate in today's user-driven world with massive amounts of exchanged information. It contributes with the conceptualization, implementation, and use of machine processable languages to facilitate the interaction with complex business and technological scenarios, engage in knowledge management and support organizational engineering. In addition, the development of reference models for selected domains, the design of generic models for enterprise architecture management, and the development of modeling tools are investigated.
In this workshop the discussion shall be fostered both on the foundations and applications in enterprise modeling, as well as on the model-based development and evolution of enterprise- wide IS from a conceptual / business perspective. For the description of innovative and rigorously elaborated research results a wide variety of research methodologies are welcomed including but not limited to the use of mathematical modeling, simulation, case studies, and prototyping methodologies.
Session 2 of the workshop will include an invited talk by Ulrich Frank, University of Duisburg-Essen, entitled "Multilevel Modelling: Toward a new Paradigm of Developing, Using and Maintaining (Enterprise) Software Systems". Please view the workshop web page for more information.

EOMAS 2015 – 11th International Workshop on Enterprise & Organizational Modeling And Simulation

JUNE
08–09

EOMAS is a flagship annual event of the Association for Information Systems Special Interest Group on Modeling And Simulation (SIGMAS).
In modern enterprises and their business process management and decision making, modeling and simulation (M&S) play a significant role. The main focus of EOMAS is on the role, importance, and application of modeling and simulation within the extended organizational and enterprise context. This context implies that systems and software applications are designed to enable certain business processes, and to facilitate interaction of the actors, the system, and the environment. Thus, application of modeling and simulation in this extended context involve a

number of socio-technical aspects (Information Systems (IS), Enterprise Information Systems (EIS), Software Systems, and Business Systems, Business Processes, Human Interaction, etc.).
EOMAS is aimed to become a major outlet and networking opportunity for researchers, practitioners, and educators interested in the development and application of modeling and simulation within the enterprise and organizational context.

iStarT 2015 – First International iStar Teaching Workshop

JUNE
09

The i* framework, facilitating goal-oriented information systems modeling, has received much attention at the CAiSE conference and at other venues. This year the iStarT workshop will focus specifically on topics related to i* and goal-oriented pedagogy. Over the years, researchers and educators around the world have accumulated experience in teaching i* and related languages (e.g., GRL and Tropos), at both the undergraduate and graduate levels, to students with a wide variety of backgrounds (e.g., computer science, information management, business analysts), or to practicing professionals. The workshop will provide an opportunity to share and discuss such experiences. Relevant topics include organization of teaching materials, goal-oriented learning objectives, teaching formats and learning styles, individual and team learning, exercises and evaluation methods, tool support, staged or incremental introduction of i* concepts and techniques, differentiation for different audiences, prerequisites, and learning curve.
The objective of the workshop is to share knowledge and teaching materials, exchange ideas, stimulate discussion, foster improved i* teaching practices, and facilitate inclusion of i* in educational content.

RW-BPMS 2015 – 1st Workshop on Real-World Objects in Business Process Management Systems

JUNE
08

The increased availability of sensors disseminated in the world has lead to the possibility to monitor in detail the evolution of several real-world objects of interest. GPS receivers, RFID chips, transponders, detectors, cameras, satellites, etc. concur in the depiction of the current status of monitored things. Therefore, the opportunity arose to connect physical reality to digital information. The screening of real-world objects makes indeed sensors the interface towards real-world information, as they are the originators of machine-readable events. The exploitation of such knowledge is leading to successful applications such as Smart Cities, Flight Monitoring, Pollution Control, Internet of Things, and Dynamic Manufacturing Networks.
The amount of information at hand would consent a fine-grained monitoring, mining, and decision support for business processes, stemming from the joint observation of business-related objects in real world. However, the main focus of process and data analysis in Business Process Management (BPM) still lies at a high level of abstraction, such as activities' status, and is based on digital-to-digital informa-

tion, such as information systems' data- and activity-centric logs. Furthermore, a limited investigation from the BPM community has been evinced towards the physical-to-digital bridge so far. Such bridge would be naturally provided by rethought information systems, where the knowledge extracted from real-world objects would best depict the contingencies and the context in which business processes are carried out. At the same time, awareness of physical reality for undertaken actions would allow for a better control over the interaction that the Business Process Management Systems has with the real world.
The objective of the RW-BPMS workshop is therefore to attract novel research and industry approaches investigating the connection of business processes with real-world objects monitoring. Conceptual, technical and application-oriented contributions are pursued within the scope of this theme.

STPIS 2015 – 1st International Workshop on Socio-Technical Perspective in IS development

JUNE
09

Despite that a socio-technical perspective have been around for over a half century, it is often forgotten in the IS discourse today. Consequently, many "new approaches" appear to reflect on IS systems problem such as modern IT systems poorly adjusted to the external or/and internal environment (e.g. market, organizational culture) of organizations in which they are (to be) deployed. We strongly believe that it is high time the social-technical perspective took its proper place in IS research, practice and teaching.
The main purpose of the workshop is to arrange discussions on using a socio-technical perspective in IS development, the long term goal being to make this workshop a meeting place for the community of IS researchers and practitioners interested in the socio-technical approach.

TEAR 2015 – Trends in Enterprise Architecture Research

JUNE
08

The international TEAR workshop series brings together Enterprise Architecture (EA) researchers from different research communities and provides a forum to present EA research results and to discuss future EA research directions. The field of Enterprise Architecture (EA) has gained considerable attention over the last of years. EA is important because organizations need to adapt increasingly fast to changing customer requirements and business goals. This need influences the entire chain of activities of an enterprise, from business processes to IT support. Moreover, a change in a particular part of the overall architecture may influence many other parts of the architecture. For example, when a new product is introduced, business processes for production, sales and after-sales need to be adapted. It might be necessary to change applications, or even adapt the IT infrastructure. Each of these fields will have its own (partial) architectures. To keep the enterprise ar-

chitecture coherent and aligned with the business goals, the relations between these different architectures must be explicit, and a change should be carried through methodically in all architectures. In contrast to traditional architecture management approaches such as IT architecture, software architecture or IS architecture, EA explicitly incorporates "pure" business-related artifacts in addition to traditional IS/IT artifacts. For Enterprise Architecture the focus is on the overall enterprise and concerns its organization, its components, the relationship between components and principles governing its design and evolution.

WISSE 2015 – Fifth International Workshop on Information Systems Security Engineering

JUNE
08

Information systems security problems are currently a widespread and growing concern that covers most of the areas of society, such as business, domestic, financial, government, healthcare, and so on. The scientific community has realized the importance of aligning information systems engineering and security engineering in order to develop more secure information systems. Nevertheless, there is lack of an appropriate event that will promote information systems security within the context of information systems engineering. The proposed workshop fulfils this gap.

The workshop aims to provide a forum for researchers and practitioners to present, discuss and debate on one hand the latest research work on methods, models, practices and tools for secure information systems engineering, and on the other hand relevant industrial applications, recurring challenges, problems and industrial led solutions at the area of secure information systems engineering.

Conference

JUNE
10–12

Information systems engineering is a discipline focused on the design of artifacts that can extend the boundaries of human and organizational capabilities. So far, most work within information systems engineering has focused on the science component with major contributions in areas ranging from data mining techniques to participative enterprise modeling methods. However, systems are moving beyond traditional information management and need to organically blend into the environment, appealing to large and diverse user bases.

Creativity, Ability, and Integrity are some important components not well covered. Creativity is becoming ever more important as Information Systems are designed in novel and unexpected ways making use of information from different sources that need to be merged and molded to become meaningful and valuable. Ability enables systems to be capable to deliver business in excellent, competitive and agile way. The task of Integrity is to ensure quality in ethical codes – modifications by authorized parties, or only in authorized ways. Success in this endeavor requires methods not only based on scientific rigor but also innovating solutions beyond the state of the art.

Doctoral consortium

JUNE
11–12

The CAiSE'15 Doctoral Consortium will be the 22nd Doctoral Consortium of a series held in conjunction with the CAiSE conference series. It is intended to bring together PhD students working on foundations, techniques, tools and applications of Information Systems Engineering and provide them with an opportunity to present and discuss their research to an audience of peers and senior faculty in a supportive environment, as well as to participate in a number of plenary sessions with Information Systems academics.

The goals of the Doctoral Consortium are: (1) to provide fruitful feedback and advice to the selected PhD students on their research project, (2) to provide the opportunity to meet experts from different backgrounds working on topics related to the Information Systems Engineering field, (3) to interact with other PhD students and stimulate an exchange of ideas and suggestions among participants, and (4) to provide the opportunity to discuss concerns about research, supervision, the job market, and other career-related issues. To be eligible for the Doctoral Consortium, the candidate must be a current doctoral student within a recognized university. Ideally, the candidate should have at least 6-12 months work remaining before expected completion (and at least 12 month of work already performed).

Forum

JUNE
10

The CAiSE Forum is a place within the CAiSE conference for presenting and discussing new ideas and tools related to information systems engineering. Intended to serve as an interactive platform, the forum aims at the presentation of emerging new topics, case studies as well as demonstration of innovative systems, tools and applications. The Forum sessions at the CAiSE conference will facilitate interaction, discussion, and exchange of ideas among presenters and participants.

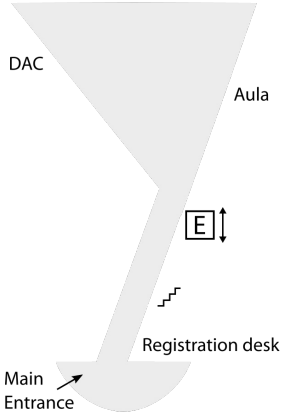
The CAiSE Forum welcomes all submissions that fall in the domain of information systems engineering and the CAiSE conference topics. The special theme of this year's conference is Creativity, Ability and Integrity in information Systems Engineering. Other main subject areas are: New generation IS engineering, Multi-aspect IS, Architectures and Platforms, Models, Methods and Techniques in IS Engineering and Domain specific IS engineering.

Industry track

JUNE
11

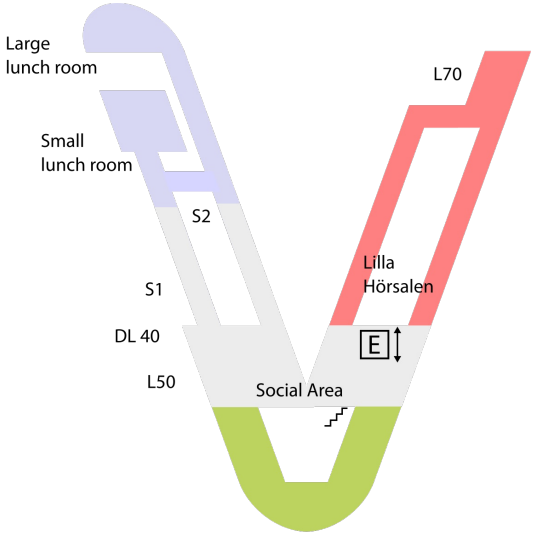
Business intelligence and analytics has emerged as an important area of innovation and industrial application as well as for research and higher education. This development reflects the magnitude and impact of problems faced by contemporary organizations in application areas like eCommerce and Market Intelligence, eGovernment and Politics and Health and Wellbeing. The potential of fast-growing and large amounts of structured and unstructured data from open sources, internet of things and new and collaborative analysis methods such as big data analytics, text analytics and network analytics challenge current models used for business control and organizational decision making. The impact on software tools is profound and vendors compete by including advanced functionality for neural networks, multivariate statistics, search engines, computational linguistics and mathematical network models available on any platform promoting mobility and flexibility. The impact on private and public organizations is expected to be vast including new business models, organizational and technical change and the introduction of specialist roles, such as data scientist and data analyst.

In this year's CAiSE industry track the theme is "Bridging research, innovation and application in Big data and Internet of Things for sustainable results". We welcome contributions from industry that captures innovative applications of Big data and Analytics and Internet of things to achieve sustainable results. The track is open to practitioners as well as researchers with a clear contribution to practice. We anticipate relevant contributions from any private or public domain highlighting implications on business models, technology, organization and results. Moreover, the Industry track would like to promote networking between participants arranging social events.



Floor 0

Floor 1



Floor 2

Monday June 8

	9:00	10:30	11:00	12:30	14:00	15:30	16:00	17:30	19:00
Aula	**EMMSAD/BPMDS** Keynote, Session 1	Coffee	**EMMSAD** Session 2	Lunch	**EMMSAD** Session 3	Coffee	**EMMSAD** Session 4	Workshop Dinner	
DL40									
DAC			**EM** Session 1		**EM** Session 2		**EM** Session 3		
L30	**WISSE** Keynote; Session 1		**WISSE** Session 2		**WISSE** Session 3		**WISSE** Session 4		
L50	**TEAR** Session 1		**TEAR** Session 2		**TEAR** Session3, Session 4a		**TEAR** Session 4b, Session 5		
L70	**EOMAS** Session 1		**EOMAS** Session 2		**EOMAS** Session 3		**EOMAS** Session 4		
Lilla Hörsalen			**BPMDS** Opening; Session2		**BPMDS** Session 3		**BPMDS** Session4		
Social Area									
S1	**RW-BPMDS** Session 1		**RW-BPMDS** Session 2						
S2									

Tuesday June 9

	9:00	10:30	11:00	12:30	14:00	15:30	16:00	17:30	18:00
Aula	**EMMSAD** Session 5	Coffee	**EMMSAD** Session 6	Lunch	**EMMSAD** Session 7	Coffee	**EMMSAD** Session 8		
DL40									
DAC	**ASDENCA** Session 1		**ASDENCA** Session 2		**ASDENCA** Session 3		**ASDENCA** Session 4		
L30	**COGNISE** Keynote		**COGNISE** Session 1		**COGNISE** Session 2		**COGNISE** Presentation Session		
L50	**DiFenSE** Session 1		**DiFenSE** Session 2		**DiFenSE** Session 3		**DiFenSE** Session 4		
L70	**EOMAS** Session 5		**EOMAS** Session 6						
Lilla Hörsalen	**BPMDS** Session 5		**BPMDS** Session 6		**BPMDS** Session 7		**BPMDS** Session 8; Session 9		
Social Area									
S1	STPIS **Session 1**		**STPIS** Session 2		**STPIS** Session 3		**STPIS** Session 4; Session 5		
S2	**iStarT** Session 1		**iStarT** Session 2		**iStarT** Session 3		**iStarT** Session 4		

Wednesday June 10

	9:00	10:45	11:15	12:45	14:15	15:45	16:15	17:45	19:00
Aula	**Conference Opening** **Keynote 1**	Coffee	**Paper Session 1**	Lunch	**Paper Session 4**	Coffee			Conference reception
DL40									
DAC									
L30									
L50					**Forum** Demo presentations				
L70			**Tutorial 1**		**Tutorial 2**		**Tutorial 3**		
Lilla Hörsalen			**Paper Session 2**		**Paper Session 3**		**Panel 1**		
Social Area					**Forum** Poster presentations		**Forum** Poster presentations		
S1									
S2									

Thursday June 11

	Aula	DL40	DAC	L30	L50	L70	Lilla Hörsalen	Social Area	S1	S2
9:00	**Keynote 2**									
10:15	Coffee									
11:00	**Industrial Keynote**				**Doctoral consortium 1**	**Tutorial 4**	**Paper Session 5**			
12:30	Lunch									
14:00				**Doctoral consortium 2**	**Paper Session 6**	**Paper Session 7**	**Industrial Panel**			
15:30	Coffee									
16:00		**Industrial Paper** Session 2		**Doctoral consortium 3**	**Industrial Paper** Session 1	**Paper Session 8**	**Panel 2**			
17:30										
19:00	Conference dinner									

Friday
June 12

Working Conferences schedule

BPMDS–International Conference on Business Process Modeling, Development, and Support

JUNE 08
09:00–10:30
Aula

EMMSAD/BPMDS - Session 1: Joint Keynote
Hybrid Models
Hajo Reijers
VU University Amsterdam and Eindhoven University of Technology, The Netherlands
Please find detailed info about the talk and the speaker online

JUNE 08
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
11:00–12:30
Lilla Hörsalen

BPMDS - Opening BPMDS'2015 - Session 2: Enabling value creation
Chair: Pnina Soffer
On the Fragmentation of Process Information: Challenges, Solutions, and Outlook (idea paper)
Han van der Aa, Henrik Leopold, Felix Mannhardt and Hajo A. Reijers
Creating Self-Managing Cross-Professional Teams with Metaphoric Business Process Support Systems (idea paper)
Ilia Bider and Amin Jalali, David Söderström

JUNE 08
12:30–14:00
Social Area

Lunch

Lunch is served in the Lunch room

JUNE 08
14:00–15:30
Lilla Hörsalen

BPMDS - Session 3: Human centric paradigms
Chair: Gil Regev
Mining the Organisational Perspective in Agile Business Processes
Stefan Schönig, Cristina Cabanillas, Stefan Jablonski and Jan Mendling.
Changing the focus of an organization: from Information Systems to Process Aware Information Systems (Experience Report)
Andrea Delgado and Daniel Calegari
Process Knowledge Discovery, Role Recommender and Social Tagging to enable Social Business Process Management
Mohammad Ehson Rangiha, Marco Comuzzi and Bill Karakostas

JUNE 08
15:30–16:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

Working Conferences schedule

BPMDS - Session 4: Mining for processes
Chair: Ilia Bider
JUNE 08
16:00–17:30
Lilla Hörsalen

Scalable Process Discovery with Guarantees
Sander J.J. Leemans, Dirk Fahland and Wil van der Aalst

Multidimensional Process Mining using Process Cubes
Alfredo Bolt and Wil van der Aalst

Workshop Dinner
JUNE 08
19:00–23:00

Please see separate page in programme for more information.

BPMDS - Session 5: Understanding and sharing
Chair: Rainer Schmidt
JUNE 09
09:00–10:30
Lilla Hörsalen

Identifying and Quantifying Visual Layout Features of Business Process Models
Vered Bernstein and Pnina Soffer

Process Fragmentation: An Ontological Perspective
Asef Pourmasoumi Hassankiadeh, Mohsen Kahani, Ebrahim Bagheri and Mohsen Asadi

Using the Process-Assets Framework for Creating a Holistic View over Process Documentation: Experience Report
Magnus Josefsson, Kim Widman and Ilia Bider

Coffee
JUNE 09
10:30–11:00
Social Area

Coffee, tea, and other refreshments are served in the Green area!

BPMDS - Session 6: Declarative Approaches
Chair: Selmin Nurcan
JUNE 09
11:00–12:30
Lilla Hörsalen

Matching of Events and Activities–An Approach Using Declarative Modeling Constraints
Thomas Baier, Claudio Di Ciccio, Jan Mendling and Mathias Weske.

PQL–A Descriptive Language for Querying, Abstracting and Changing Process Models
Klaus Kammerer, Jens Kolb and Manfred Reichert

Enhancing declarative process models with DMN decision logic (idea paper)
Steven Mertens, Frederik Gailly and Geert Poels

Lunch
JUNE 09
12:30–14:00
Social Area

Lunch is served in the Lunch room

Working Conferences schedule

JUNE 09
14:00–15:30
Lilla Hörsalen

BPMDS - Session 7: Quality and Security issues
Chair: Geert Poels

Identifying Quality Issues in BPMN Models: an Exploratory Study
Cornelia Haisjackl, Jakob Pinggera, Pnina Soffer, Stefan Zugal, Shao Yi Lim and Barbara Weber

Modeling and Reasoning about Information Quality Requirements in Business Processes
Mohamad Gharib and Paolo Giorgini

From Secure Business Process Models to Secure Artifact-Centric Specifications
Mattia Salnitri, Achim Brucker and Paolo Giorgini

JUNE 09
15:30–16:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
16:00–16:30
Lilla Hörsalen

BPMDS - Session 8: New Areas for BPMDS
Chair: Rainer Schmidt

PROtEUS: An Integrated System for Process Execution in Cyber-physical Systems
Ronny Seiger, Steffen Huber and Thomas Schlegel

JUNE 09
16:30–17:30
Lilla Hörsalen

BPMDS - Session 9: Discussion & Closing
General discussion and closing

EMMSAD - Exploring Modelling Methods for Systems Analysis and Design

JUNE 08
09:00–10:30

Aula

EMMSAD/BPMDS - Session 1: Joint Keynote
Hybrid Models
Hajo Reijers
VU University Amsterdam and Eindhoven University of Technology, The Netherlands
Please find detailed info about the talk and the speaker online

JUNE 08
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

Working Conferences schedule

EMMSAD - Opening EMMSAD'2015 - Session 2: Fundamental issues in modeling
JUNE 08 11:00–12:30 Aula

On the Support of Automated Analysis Chains on Enterprise Models
Andrés Ramos, Juan Saenz, Mario Sánchez and Jorge Villalobos

Implementation and First Evaluation of a Molecular Modeling Language
Alexander Andersson and John Krogstie

Lunch
JUNE 08 12:30–14:00 Social Area

Lunch is served in the Lunch room

EMMSAD - Session 3: Requirements and regulations
JUNE 08 14:00–15:30 Aula

Analyzing Variability of Cloned Artifacts: Formal Framework and its Application to Requirements
Iris Reinhartz-Berger, Anna Zamansky and Mark Kemelman

Solving Semantic Disparity and Explanation Problems in Regulatory Compliance- A Research-In-Progress Report with DSR Perspective
Sagar Sunkle, Deepali Kholkar and Vinay Kulkarni

Coffee
JUNE 08 15:30–16:00 Social Area

Coffee, tea, and other refreshments are served in the Green area!

EMMSAD - Session 4: Meta-modeling and Domain specific modeling and model composition
JUNE 08 16:00–17:30 Aula

Towards Metamodelling-In-The-Large: Interface-based Composition for Modular Metamodel Development
Srdjan Zivkovic and Dimitris Karagiannis

Towards Static Analysis of Executable DSMLs using Model Typing
Reza Gorgan Mohammadi and Ahmad Abdollahzadeh Barfourosh

Workshop Dinner
JUNE 08 19:00–23:00

Please see separate page in programme for more information.

EMMSAD - Session 5: Enterprise and software ecosystem modelling
JUNE 09 09:00–10:30 Aula

Representing Dynamic Invariants in Ontologically Well-Founded Conceptual Models
John Guerson and Joao Paulo Almeida

Designing Software Ecosystems: How Can Modeling Techniques Help?
Mahsa H. Sadi and Eric Yu

Working Conferences schedule

JUNE 09 10:30– 11:00 Social Area	**Coffee** *Coffee, tea, and other refreshments are served in the Green area!*
JUNE 09 11:00– 12:30 Aula	**EMMSAD - Session 6: Information and process model quality** Dealing with Information Quality Requirements *Mohamad Gharib and Paolo Giorgini.* Understanding Model Quality Concerns when Using Process Models in an Industrial Company *Merethe Heggset, John Krogstie and Harald Wesenberg*
JUNE 09 12:30– 14:00 Social Area	**Lunch** *Lunch is served in the Lunch room*
JUNE 09 14:00– 15:30 Aula	**EMMSAD - Session 7: Modeling of architecture and design** Real-Time Design patterns: Architectural designs for automatic semi-partitioned and global scheduling *Amina Magdich, Yessine Hadj Kacem and Adel Mahfoudhi* A Generic Traceability Framework for Model Composition Operation *Youness Laghouaouta, Adil Anwar, Mahmoud Nassar and Jean-Michel Bruel*
JUNE 09 15:30– 16:00 Social Area	**Coffee** *Coffee, tea, and other refreshments are served in the Green area!*
JUNE 09 16:00– 17:30 Aula	**EMMSAD - Session 8: Novel applications of modeling (Short papers)** Applying Predicate Abstraction to Abstract State Machines *Alessandro Bianchi, Sebastiano Pizzutilo and Gennaro Vessio.* A Workaround Design System for Anticipating, Designing, and/or Preventing Work-arounds *Steven Alter* An Evaluation of an Enhanced Model Driven Approach for Computer Game Creation *Hong Guo, Shang Gao, Krogstie John and Hallvard Trætteberg*

Workshop schedule

ASDENCA–The 2nd International Workshop on Advances in Services DEsign based on the Notion of CApability

ASDENCA - Session 1: Opening, Invited Talk
JUNE 09 09:00–10:30 DAC

Many Truths about Business Capability - What Capability Modeling Brings to Different Enterprise Levels?
Irina Rychkova

Please see the workshop web page for Irina's biography and more details of the talk

Coffee
JUNE 09 10:30–11:00 Social Area

Coffee, tea, and other refreshments are served in the Green area!

ASDENCA - Session 2: Modeling and Capabilities
JUNE 09 11:00–12:30 DAC

Analyzing IT Flexibility to Enable Dynamic Capabilities
Mohammad Hossein Danesh and Eric Yu

Processing for Business Process Execution Adjustment
Jānis Grabis and Janis Stirna

Strategies for Capability Modelling: Analysis based on Initial Experiences
Sergio España, Janis Grabis, Martin Henkel, Hasan Koç, Kurt Sandkuhl, Janis Stirna and Jelena Zdravkovic

Lunch
JUNE 09 12:30–14:00 Social Area

Lunch is served in the Lunch room

ASDENCA - Session 3: Applying Capabilities-based Approaches in Practice
JUNE 09 14:00–15:30 DAC

Towards Systemic Risk Management in the frame of Business Service Ecosystem
Christophe Feltus, François-Xavier Fontaine and Eric Grandry

Investigating the potential of Capability-driven Design and Delivery in an SME case study
Kurt Sandkuhl

Coffee
JUNE 09 15:30–16:00 Social Area

Coffee, tea, and other refreshments are served in the Green area!

ASDENCA - Session 4: Panel
JUNE 09 16:00–17:30 DAC

A number of panel participants

Workshop schedule

COGNISE 2015 – 3rd International Workshop on Cognitive Aspects of Information Systems Engineering

JUNE 09
09:00–10:30
L30

COGNISE - Welcome & Keynote
Chair: Irit Hadar
Welcome: Workshop overview and objectives; brief introduction of participants
Keynote: Theoretical Reasoning in Case-Based Research
Roel Wieringa

JUNE 09
10:30–11:00
Social Area

Coffee
Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
11:00–12:30
L30

COGNISE - Paper Session 1: Business Processes
Chair: Barbara Weber
How does it look? Exploring meaningful layout feature of process models
Vered Bernstein and Pnina Soffer
Toward guiding process modelers depending upon their expertise level
Jonas B. Gassen, Jan Mendling, Lucinéia Heloisa Thom, and José Palazzo M. de Oliveira
Advanced dynamic role resolution in business processes
Irene Vanderfeesten and Paul Grefen

JUNE 09
12:30–14:00
Social Area

Lunch
Lunch is served in the Lunch room

JUNE 09
14:00–15:30
L30

COGNISE - Paper Session 2: Software Development
Chair: Irene Vanderfeesten
A Position paper proposing behavioral solutions to challenges in software development projects
Ofira Shmueli, Nava Pliskin and Lior Fink
To document or not to document? An exploratory study on developers' motivate to document code
Yulia Shmerlin, Irit Hadar, Doron Kliger and Hayim Makabee
When a paradigm is inconsistent with intuition: The case of inconsistency management
Irit Hadar and Anna Zamansky
An argument for more user-centric analysis of modeling languages' visual notation quality
Dirk van der Linden

Workshop schedule

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
15:30–16:00
Social Area

COGNISE - Presentation Session: Future Research Directions
Chair: Pnina Soffer

Difficulties and challenges in requirements discovery in open source software development
Jaison Kuriakose and Jeffrey Parsons

Exploring Students' Perceptions of the Role of Logic in Information Systems Education
Anna Zamansky and Eitan Farchi

Gamifying Software Development Environments Using Cognitive Principles
Naomi Unkelos-Shpigel and Irit Hadar

JUNE 09
16:00–17:30

L30

DiFenSE 2015 – 1st International Workshop on Digital Business Innovation and the Future Enterprise Information Systems Engineering

DiFenSE - Session 1: BUSINESS MODEL INNOVATION

Some Heuristics for Digital Business Model Configuration
Darek M. Haftor

Inherent cognitive dependencies in the transformation of business models from non-digital to digital
Erdelina Kurti

Capability-as-a-Service: Investigating the Innovation Potential from a Business Model Perspective
Kurt Sandkuhl, Janis Stirna

JUNE 09
09:00–10:30

L50

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
10:30–11:00
Social Area

Workshop schedule

JUNE 09
11:00–12:30
L50

DiFenSE - Session 2: SERVICE AND DIGITAL PLATFORMS INNOVATION

Supporting Service Innovation through a Value Development Framework
Yannick Lew Yaw Fung and Arne J. Berre

Designing Software Ecosystems: How to Develop Sustainable Collaborations? Scenarios from Apple iOS and Google Android
Mahsa H. Sadi, Jiaying Dai, Eric Yu

Fitness of business models for digital collaborative platforms in clusters: a case study
Luca Cremona, Aurelio Ravarini, Gianluigi Viscusi

JUNE 09
12:30–14:00
Social Area

Lunch

Lunch is served in the Lunch room

JUNE 09
14:00–15:30
L50

DiFenSE - Session 3: DIGITAL ENTREPRENEURSHIP AND ENTERPRISE INNOVATION

Accelerating Web-Entrepreneurship in Local Incubation Environments
Carlos Agostinho, Fenareti Lampathaki, Ricardo Jardim-Goncalves, Oscar Lazaro

Challenges laying ahead for Future Digital Enterprises: A Research Perspective
Iosif Alvertis, Panagiotis Kokkinakos, Sotirios Koussouris, Fenareti Lampathaki, John Psarras, Gianluigi Viscusi, Christopher Tucci

Summary and Conclusion of DiFenSE2015

JUNE 09
15:30–16:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
16:00–17:30
L50

DiFenSE - Session 4: OPEN BRAINSTORMING SESSION ON RESEARCH CHALLENGES

Brainstorming!
All workshop participants

Workshop schedule

EM 2015 – Enterprise Modeling

EM/EMMSAD/BPMDS - Joint Keynote
Hybrid Models
Hajo Reijers. VU University Amsterdam and Eindhoven University of Technology, The Netherlands

JUNE 08
09:00–10:30
Aula

Coffee

JUNE 08
10:30–11:00
Social Area

EM - Session 1
Chair: Dimitris Karagiannis
Welcome and Introduction to the Workshop
Dimitris Karagiannis
Invited Talk by Ulrich Frank
Multilevel Modelling: Toward a new Paradigm of Developing, Using and Maintaining (Enterprise) Software Systems
Please find detailed info about the talk and the speaker online

JUNE 08
11:00–12:30
DAC

Lunch

Lunch is served in the Lunch room

JUNE 08
12:30–14:00
Social Area

EM - Session 2
Chair: Matti Rossi
The Devil in the Details: Fine-grained Enterprise Model Weaving
David Naranjo, Mario Sánchez and Jorge Villalobos
Extending Feature Models to Express Variability in Business Process Models
Flavio Corradini, Riccardo Cognini, Andrea Polini and Barbara Re
Towards Flexible and Efficient Process and Workflow Support in Enterprise Modeling
Andreas Demuth, Markus Riedl-Ehrenleitner, Roland Kretschmer, Peter Hehenberger, Klaus Zeman and Alexander Egyed

JUNE 08
14:00–15:30
DAC

Coffee

JUNE 08
15:30–16:00
Social Area

Workshop schedule

JUNE 08
16:00–17:30
DAC

EM - Session 3
Chair: Dimitris Karagiannis
Enterprise Architecture for Business Network Planning: a Capability-Based Approach
Adel Bakhtiyari, Alistair Barros and Nick Russell
Extending Enterprise Architectures to Capture Consumer Values: the Case of TOGAF
Eric-Oluf Svee and Jelena Zdravkovic
Ontology-Driven Enterprise Modelling in Practice: Experiences from Industrial Cases
Kurt Sandkuhl, Alexander Smirnov, Nikolay Shilov and Hasan Koç
Closing and Farewell

JUNE 08
19:00–23:00

Workshop Dinner

Please see separate page in programme for more information.

EOMAS 2015 – 11th International Workshop on Enterprise & Organizational Modeling And Simulation

JUNE 08
09:00–10:30
L70

EOMAS - Session 1
Chair: Robert Pergl
Welcome and opening
Keynote - Model-Driven Software Engineering: A Behavioural Perspective
Adrian Rutle
Please find detailed info about the talk and the speaker online

JUNE 08
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
11:00–12:30
L70

EOMAS - Session 2
Chair:Vojtech Merunka
Natural Language Generation for Declarative Process Models
Lars Ackermann, Stefan Schoenig, Michael Zeising and Stefan Jablonski
Generating Event Logs through the Simulation of Declare Models
Claudio Di Ciccio, Mario Luca Bernardi, Marta Cimitile and Fabrizio Maria Maggi
Formalising Responsibility Modelling for Automatic Analysis
Robbie Simpson and Tim Storer

Workshop schedule

Lunch

Lunch is served in the Lunch room

JUNE 08
12:30–14:00
Social Area

EOMAS - Session 3
Chair: Victor Romanov

Interactive Transformation Path Generation Using Business Support Maps
Philipp Diefenthaler, Melanie Langermeier and Bernhard Bauer

Towards a Business Process Model Transformations Framework
Khoutir Bouchbout and Saber Marouf

ICNETS: Towards Designing Inter-Cloud Workflow Management Systems by Reference Nets
Dahou Sofiane Bendoukha, Hayat Bendoukha and Daniel Moldt

JUNE 08
14:00–15:30
L70

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
15:30–16:00
Social Area

EOMAS - Session 4
Chair: Robert Pergl

Big data analytics for supply chain management: A literature review and research agenda
Samuel Fosso Wamba and Shahriar Akter

One Solution for Semantic Data Integration in Logistics
Elena A. Andreeva, Tatiana A. Poletaeva, Habib Abdulrab and Eduard A. Babkin

Formal Grammar Approach to the Virtual Enterprise Synthesis as Web-Services Composition by Parsing Algorithm
Victor Romanov, Ekaterina Yudakova and Svetlana Efimova

JUNE 08
16:00–17:30
L70

Workshop Dinner

Please see separate page in programme for more information.

JUNE 08
19:00–23:00

Workshop schedule

JUNE 09
09:00–10:30
L70

EOMAS - Session 5
Chair: Vojtech Merunka

Towards Detecting Misalignment Symptoms: An Alignment Perspective-Driven Architecture-Matching Framework
Dora Ori

A Wide-Spectrum Approach to the Modelling and Analysis of Organisation for machine-assisted Decision Making
Souvik Barat, Vinay Kulkarni, Tony Clark and Balbir Barn

Lessons Learned from Modeling and Experimental Prototype Development for KPI Acquisition and Analysis from Legacy ERP Systems by Enabling Process Awareness
Gundars Alksnis, Erika Asnina, Anita Finke and Marite Kirikova

JUNE 09
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
11:00–12:30
L70

EOMAS - Session 6
Chair: Samuel Fosso Wamba

Model Checking Web Services Choreography
Arbia Ben Azaiez and Zohra Sbaï

Revisiting the BORM OR Diagram Composition Pattern
Martin Podloucký and Robert Pergl

Object-Oriented Conceptual Modeling and Simulation of Health Care Processes
Radek Hřebík, Vojtěch Merunka, Zuzana Kosejková and Pavel Kupka

JUNE 09
12:30–14:00
Social Area

Lunch

Lunch is served in the Lunch room

Workshop schedule

iStarT 2015 – First International iStar Teaching Workshop

iStarT - Welcome & Paper Session 1 — JUNE 09, 09:00–10:30, S2

Chair: Xavier Franch

Workshop Welcome

Teaching Goal Modeling in Undergraduate Education
Fabiano Dalpiaz

Teaching Information Systems: an i*-based approach
Juan Pablo Carvallo

Observational Studies of new i* Users: Challenges and Recommendations
Jennifer Horkoff

Session Summary & Discussion

Coffee — JUNE 09, 10:30–11:00, Social Event

Coffee, tea, and other refreshments are served in the Green area!

iStarT - Keynote & Paper Session 2 — JUNE 09, 11:00–12:30, S2

Chair: John Mylopoulos

Keynote
Oscar Pastor

Please find detailed info about the talk and the speaker online

i* Instruction in Mixed Student Cohort Environments
Eric-Oluf Svee and Jelena Zdravkovic

Lunch — JUNE 09, 12:30–14:00, Social Event

Lunch is served in the Lunch room

iStarT - Paper Session 3 — JUNE 09, 14:00–15:30, S2

Teaching i* alongside a contrasting modeling framework
Chair: Fabiano Dalpiaz
Eric Yu, Lysanne Lessard, Zia Babar, Soroosh Nalchigar and Jennifer Horkoff

Instructional experiences with modeling and analysis using the i* framework
Zia Babar, Soroosh Nalchigar, Lysanne Lessard, Jennifer Horkoff and Eric Yu

The importance of teaching goal-oriented analysis techniques: an experience report
Elda Paja, Jennifer Horkoff and John Mylopoulos

On the Learnability of i*: Experiences from a New Teacher
Amel Bennaceur, James Lockerbie and Jennifer Horkoff

Session Summary & Discussion

Workshop schedule

JUNE 09
15:30–16:00
Social Event

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
16:00–17:30

S2

iStarT - Paper Session 4, Standardization & Discussion

Chair: Eric Yu

The Monopoly Game to Teach ERi*c - Intentional Requirements Engineering
Antonio De Padua A. Oliveira, Vera Werneck, Julio Cesar Leite and Luiz Marcio Cysneiros

Standardization Effort Update and Discussion
All participants

Workshop Discussion, Future Plans
All participants

RW-BPMS 2015 – 1st Workshop on Real-World Objects in Business Process Management Systems

JUNE 08
09:00–10:30

S1

RW-BPMS - Session 1

Welcome

Keynote – When Processes Rule Event Streams
Avigdor Gal

Please find detailed info about the talk and the speaker online

The Things of the Internet of Things in BPMN
Sonja Meyer, Andreas Ruppen and Lorenz Hilty

JUNE 08
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
11:00–12:30

S1

RW-BPMS - Session 2

Applying Process Mining to Smart Spaces: Perspectives and Research Challenges
Francesco Leotta, Massimo Mecella and Jan Mendling

Factors affecting ocean-going cargo ship speed and arrival time
Erwin Filtz, Emanuel Sanchez de La Cerda, Mathias Weber and David Zirkovits

Monitoring Batch Regions in Business Processes
Tsun Yin Wong, Susanne Bülow and Mathias Weske

Closing

JUNE 08
19:00–23:00

Workshop Dinner

Please see separate page in programme for more information.

Workshop schedule

STPIS 2015 – 1st International Workshop on Socio-Technical Perspective in IS development

STPIS - Session 1: Opening
JUNE 09 09:00–10:30 S1
Chair: Stewart Kowalski

Keynote: Designing software for a million users: it's not about the technology
Ian Sommerville

Please see details about the keynote and the speaker online

Coffee
JUNE 09 10:30–11:00 Social Area

Coffee, tea, and other refreshments are served in the Green area!

STPIS - Session 2: Teaching and Practice
JUNE 09 11:00–12:30 S1
Chair: Ian Sommerwille

Teaching an Ethnographic Approach to Requirements Elicitation in an Enterprise Architecture Course. (experience report)
Gil Regev, Laura Regev, Yasmina Naïm, Julie Lang and Alain Wegmann

Socio-Technical Toolbox for Business Systems Analysis and Design" (experience report)
Peter Bednar and Moufida Sadok

Sociotechnical Systems through a Work System Lens: A Possible Path for Reconciling System Conceptualizations, Business Realities, and Humanist Values in IS Development (position paper)
Steven Alter

Lunch
JUNE 09 12:30–14:00 Social Area

Lunch is served in the Lunch room

STPIS - Session 3: Theory and Practice
JUNE 09 14:00–15:30 S1
Chair: Ilia Bider

Sociotechnical Systems (STS) in Coordination of Virtual Innovation Work (research paper)
Bert Painter, Pamela Posey, Douglas Austrom, Ramkrishnan Tenkasi, Betty Barrett and Betsy Merck

A Neurobiological Perspective on Socio-Technical Systems (research paper)
Lars Taxén

Modeling and analyzing Information Quality Requirements of Socio-technical Systems: Experience Report (experience report)
Mohamad Gharib and Paolo Giorgini

Workshop schedule

JUNE 09
15:30–16:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 09
16:00–17:30

S1

STPIS - Session 4: Diverse Issues

Chair: Peter Bednar

Sociotechnical Requirements Specification – an example of continuous support for collaborative modelling and design (experience report)
Thomas Herrmann and Alexander Nolte

The Process Analysis as a Frame to Merge Social and Technical Issues in the Design of Information and Management Systems (position paper)
Paola Mauri

Scaling up the engagement in participatory design (position paper)
Michela Cozza and Antonella De Angeli

On the needs of representing feedback when modeling socio-technical systems (position paper)
Ilia Bider

JUNE 09
17:30–18:00

S1

STPIS - Session 5: Posters

Posters shown also during coffee breaks and lunch

Modelling and Analysing Socio-Technical Systems
Zaruhi Aslanyan, Marieta Georgieva Ivanova, Flemming Nielson and Christian W. Probst

HIPing Innovation Education in University. Introducing Socio-technical concepts for Cross-disciplinary teams in Applied Computer Sciences
Mariusz Nowostawski, Stewart Kowalski and Jeffy Mwakalinga

Closing

TEAR 2015 – Trends in Enterprise Architecture Research

JUNE 08
09:00–10:30

L50

TEAR - Session 1: EA modeling and metamodeling

Revealing Hidden Structures in Organizational Transformation - A Case Study
Franz Heiser, Robert Lagerström and Mattin Addibpour

Enterprise architecture with executable modelling rules: A case study at the Swedish Defence Materiel Administration
Mika Cohen, Michael Minock, Daniel Oskarsson and Björn Pelzer

Modeling Decisions for Collaborative Enterprise Architecture Engineering
Dierk Jugel, Christian M. Schweda and Alfred Zimmermann

Workshop schedule

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
10:30–11:00
Social Area

TEAR - Session 2: EA value and benefits

Towards an Enterprise Architecture Benefits Measurement Instrument
Henk Plessius, Marlies van Steenbergen and Raymond Slot

Modelling Value with ArchiMate
Adina Aldea, Maria Eugenia Iacob, Jos van Hillegersberg, Dick Quartel and Henry Franken

Implementing Architectural Thinking: A Case Study at Commerzbank AG
Stephan Aier, Nils Labusch and Patrick Pähler

JUNE 08
11:00–12:30
L50

Lunch

Lunch is served in the Lunch room

JUNE 08
12:30–14:00
Social Area

TEAR - Session 3: EA governance and management

Data Governance on EA Information Assets: Logical Reasoning for Derived Data
Bernhard Waltl, Thomas Reschenhofer and Florian Matthes

Success Factors for Federated Enterprise Architecture Model Management
Pouya Aleatrati Khosroshahi, Sascha Roth, Matheus Hauder, Florian Matthes, Stephan Aier and Robert Winter

JUNE 08
14:00–15:00
L50

TEAR - Session 4: EA in today's business landscape (part 1)

Aligning Enterprise Architecture with Strategic Planning
Carlos Azevedo, Marten van Sinderen, Luis Ferreira Pires and João Paulo Almeida

JUNE 08
15:00–15:30
L50

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
15:30–16:00
Social Area

TEAR - Session 4: EA in today's business landscape (part 2)

Enterprise Architecture in the Age of Digital Transformation
Zia Babar and Eric Yu

JUNE 08
16:00–16:30
L50

Workshop schedule

JUNE 08
16:30–17:30
L50

TEAR - Session 5: Workshop discussion on trends in EA research
Chair: tba

JUNE 08
19:00–23:00

Workshop Dinner

Please see separate page in programme for more information.

WISSE 2015 – Fifth International Workshop on Information Systems Security Engineering

JUNE 08
09:00–10:30
L30

WISSE - Session 1: Welcome and Keynote
Chair: Haralambos Mouratidis

JUNE 08
10:30–11:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 08
11:00–12:30
L30

WISSE - Session 2
Chair: Nadira Lammari

Optimizing Information Systems Security Design Based on Existing Security Knowledge
Andreas Schilling and Brigitte Werners
Presenter: Andreas Schilling; Discussant: Luis Márquez

A framework for secure migration processes of legacy systems to the cloud
Luis Márquez, David G. Rosado, Haralambos Mouratidis, Daniel Mellado, and Eduardo Fernández-Medina
Presenter: Luis Márquez; Discussant: Andreas Schilling

JUNE 08
12:30–14:00
Social Area

Lunch

Lunch is served in the Lunch room

Workshop schedule

WISSE - Session 3
JUNE 08
14:00–15:30
L30

Chair: David G. Rosado

Towards the Integration of Security transparency in the modelling and design of cloud based systems
Moussa Ouedraogo and Shareeful Islam
Presenter: Moussa Ouedraogo; Discussant: Stavros Simou

Towards the development of a Cloud Forensics Methodology: A Conceptual Model
Stavros Simou, Christos Kalloniatis, Haralambos Mouratidis and Stefanos Gritzalis
Presenters: Stavros Simou, Christos Kalloniatis; Discussant: Moussa Ouedraogo

Coffee
JUNE 08
15:30–16:00
Social Area

Coffee, tea, and other refreshments are served in the Green area!

WISSE - Session 4
JUNE 08
16:00–17:00
L30

Chair: Christos Kalloniatis

An Experience Report on Scalable Implementation of DDoS Attack Detection
Sri Yogesh Dorbala, Kishore. R and Neminath Hubballi
Presenter: Neminath Hubballi; Discussant: Nicolas Mayer

Towards the ENTRI Framework: Security Risk Management enhanced by the use of Enterprise Architectures
Nicolas Mayer, Eric Grandry, Christophe Feltus, and Elio Goettelmann
Presenter: Nicolas Mayer; Discussant: Neminath Hubballi

Close of Workshop

Workshop Dinner
JUNE 08
19:00–23:00

Please see separate page in programme for more information.

Conference schedule

JUNE 10
09:00–09:30
Aula

Conference Opening

JUNE 10
09:30–10:45
Aula

Keynote 1 - Attaining a Systems Perspective
Chair: Paul Johannesson
Attaining a Systems Perspective
Harold W. "Bud" Lawson
Please see more details about the keynote in the Keynote section

JUNE 10
10:45–11:15
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 10
11:15–12:45
Aula

Paper Session 1 - Social and Collaborative Computing
Chair: Klaus Pohl
Game Aspect: An Approach to Separation of Concerns in Crowdsourced Data Management
Shun Fukusumi, Atsuyuki Morishima, Hiroyuki Kitagawa
Editing Anxiety in Corporate Wikis: From Private Drafting to Public Edits
Cristobal Arellano, Oscar Diaz, Maider Azanza
Run-time and Task-based Performance of Event Detection Techniques for Twitter
Andreas Weiler, Michael Grossniklaus, Marc H. Scholl

JUNE 10
11:15–12:45
Lilla Hörsalen

Paper Session 2 - Business Process Modeling and Languages
Chair: Xavier Franch
RALph: A Graphical Notation for Resource Assignments in Business Processes
Cristina Cabanillas, David Knuplesch, Manuel Resinas, Manfred Reichert, Jan Mendling, Antonio Ruiz-Cortés
Revising the Vocabulary of Business Process Element Labels
Agnes Koschmider, Meike Ullrich, Antje Heine, Andreas Oberweis
Declarative Process Modeling in BPMN
Giuseppe De Giacomo, Marlon Dumas, Fabrizio Maria Maggi, Marco Montali

JUNE 10
11:15–12:45
L70

Tutorial 1 - Work System Theory: A Bridge between Business and IT Views of Systems
Please see details in the Tutorials section and/or the web page.
Steven Alter

Conference schedule

Lunch

JUNE 10
12:45–14:15
Social Area

Lunch is served in the Lunch room

CAiSE Forum - Emerging New Topics - Demo Presentations

JUNE 10
12:45–17:45

L50

Presentations will take place in room L70, unless otherwise stated

Specifying Business Requirements through Interaction Design
Roman Popp and Hermann Kaindl
room G10:8 - 14:15 - 16:15

RDB2OWL: A Language and Tool for Database to Ontology Mapping
Kārlis Čerāns and Guntars Bumans
room G10:8 - 16:15 - 17:45

CoreEAF – a Model Driven Approach to Information Systems
Tomas Jonsson and Håkan Enquist

PRIVATEER: A Private Record Linkage Toolkit
Alexandros Karakasidis, Georgia Koloniari and Vassilios S. Verykios

Model-driven Method and a Tool for Developing Gesture-based Information System Interfaces
Otto Parra, Sergio España and Oscar Pastor

On Business Process Variants Generation
Asef Pourmasoumi, Mohsen Kahani, Ebrahim Bagheri and Mohsen Asadi

STS-Tool 3.0: Maintaining Security in Socio-Technical Systems
Mattia Salnitri, Elda Paja, Mauro Poggianella and Paolo Giorgini

Applying Idea Management System (IMS) approach to design and implement a collaborative environment in public service related open innovation processes
Mona Soufivand, Marco Alessi, Alessio Camillo, Valentina Chetta, Enza Giangreco and Davide Storelli

Community-based API Builder to manage APIs and their connections with Cloud-based Services
Romanos Tsouroplis, Michael Petychakis, Iosif Alvertis, Evmorfia Biliri and Dimitris Askounis

OBIS: Ontology-Based Information System Framework
Kārlis Čerāns and Aiga Romane

CAiSE Forum - Emerging New Topics - Poster Presentations

JUNE 10
12:45–17:45
Green Area

Improving Design Patterns Finder Precision Using a Model Checking Approach
Mario Luca Bernardi, Marta Cimitile, Giuseppe De Ruvo, Giuseppe A. Di Lucca and Antonella Santone

Early Validation of Control Software for Automation Plants on the Example of a Seawater Desalination Plant
Veronika Brandstetter, Andreas Froese, Bastian Tenbergen, Andreas Vogelsang, Jan Christoph Wehrstedt and Thorsten Weyer

Conference schedule

JUNE 10
12:45–17:45
Green Area

Usability Evaluation of Variability Modeling by means of Common Variability Language
Jorge Echeverria, Jaime Font, Carlos Cetina and Oscar Pastor

KPI-based Activity Planning for People Working in Flexible Processes
Maikel L. Van Eck, Natalia Sidorova and Wil M.P. Van Der Aalst

Combining Risk-Management and Computational Approaches for Trustworthiness Evaluation of Socio-Technical Systems
Nazila Gol Mohammadi, Torsten Bandyszak, Abigail Goldsteen, Costas Kalogiros, Thorsten Weyer, Micha Moffie, Bassem Nasser and Mike Surridge

Extending Software Development Methodologies to Support Trustworthiness-by-Design
Nazila Gol Mohammadi, Torsten Bandyszak, Sachar Paulus, Per Håkon Meland, Thorsten Weyer and Klaus Pohl

Toward Advanced Visualization Techniques for Conceptual Modeling
Jens Gulden and Hajo Reijers

The Influence of Syntactic Quality of Enterprise Process Models on Model Comprehension
Merethe Heggset, John Krogstie and Harald Wesenberg

Patterns for Identifying and Structuring Features from Textual Descriptions: An Exploratory Study
Nili Itzik and Iris Reinhartz-Berger

Towards a Model of Context-Aware Recommender System
Lauma Jokste

Towards Visually Monitoring Multiple Perspectives of Business Process Compliance
David Knuplesch, Manfred Reichert and Akhil Kumar

A Framework for Occupational Fraud Detection by Social Network Analysis
Lookman Sanni and Selmin Nurcan

Model-Driven Cross-Platform Apps: Towards Business Practicability
Tim A. Majchrzak, Jan Ernsting and Herbert Kuchen

Context-Dependent App Testing
Tim A. Majchrzak and Matthias Schulte

An Approach to Conceptual Fit Analysis for COTS Selection
Antoni Olivé

A User-Centric, Privacy-Aware Platform for new Business Models in a Data-Driven Era
Michael Petychakis, Iosif Alvertis, Romanos Tsouroplis, Evmorfia Biliri, Fenareti Lampathaki, Dimitris Askounis, Timotheos Kastrinogiannis, Andreas Daskalopoulos, Theodoros Michalareas, Eric Robson, Donal MacCarthy, Christine O'Meara, Lukasz Radziwonowicz and Robert Kleinfeld

Toward Better Mapping between Regulations and Operational Details of Enterprises Using Vocabularies and Semantic Similarity
Sagar Sunkle, Deepali Kholkar and Vinay Kulkarni

Conference schedule

Gamifying Software Development Environments Using Cognitive Principles
Naomi Unkelos-Shpigel and Irit Hadar

Relational XES: Data Management for Process Mining
Boudewijn F. van Dongen and Shiva Shabaninejad

A Resource Oriented Architecture to Handle Data Volume Diversity
Pierre De Vettor, Michael Mrissa, and Djamal Benslimane

JUNE 10
12:45–17:45
Green Area

Paper Session 3 - High Volume and Complex Information Management
Chair: Nicola Guarino

The requirements and needs of global data usage in product lifecycle management
Anni Siren, Kari Smolander, Mikko Jokela

On the Acquisition of Probabilistic Keys for Managing Big Data Quality
Pieta Brown, Sebastian Link

A Clustering Approach for Protecting GIS Vector Data
Ahmed Abubahia, Mihaela Cocea

JUNE 10
14:15–15:45
Lilla Hörsalen

Paper Session 4 - Requirements Elicitation and Management
Chair: Pericles Loucopoulos

Need-to-share & non-diffusion requirements verification in exchange policies
Rémi Delmas, Thomas Polacsek

Virtual Business Role-play: Leveraging Familiar Environments to Prime Stakeholder Memory during Process Elicitation
Joel Harman, Ross Brown, Daniel Johnson, Stefanie Rinderle-Ma, Udo Kannengiesser

Handling Goal Model Families as Software Product Lines
Anthony Palmieri, Philippe Collet, Daniel Amyot

JUNE 10
14:15–15:45
Aula

Tutorial 2 - FEDS2: A Practical Tutorial on the Framework for Evaluation in Design Science Research (version 2)
John Venable

Please see details in the Tutorial section of the programme

JUNE 10
14:15–15:45
L70

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 10
15:45–16:15
Social Area

Conference schedule

JUNE 10
16:15–17:45
Lilla Hörsalen

Panel 1 - Topics in Information Systems Engineering
Topics in Information Systems Engineering
Chair: Barbara Pernici
Hajo Reijers, Pnina Soffer. Arne Sølvberg, Roel Wieringa
Please see details in the Panels section and/or the web page.

JUNE 10
16:15–17:45
L70

Tutorial 3 - Know-how Mapping with ME-map
Arnon Sturm and Eriv Yu
Please see details in the Tutorial section of the programme

JUNE 10
19:00–22:00

Conference Welcome Reception
Please see the Conference reception section in the programme

JUNE 11
09:00–10:15
Aula

Keynote 2 - The Age of Data & The New Era of Computing
Chair: Jelena Zdravkovic
The Age of Data & The New Era of Computing
Aleksandra Mojsilović
Please see the Keynote section for more details about the talk

JUNE 11
10:15–11:00
Social Area

Coffee and Networking
Coffee, tea, and other refreshments are served in the Green area!

JUNE 11
11:00–12:30
L50

Doctoral Consortium - Session 1: Introduction to the Doctoral Consortium
Chair: Peri Loucopoulos
Faculty mentors : Peri Loucopoulos, Roel Wieringa
Introduction of a common framework for discussing the student presentations
Roel Wieringa
Process Verification and Synthesis – The Use Case of Commissioning Processes in the Automobile Industry
Richard Mrasek

JUNE 11
11:00–12:30
Aula

Industrial Keynote - Big Success with Big Data
Chair: John Krogstie
Big Success with Big Data
Nicholas Millman
Please see the Keynote section for details about the talk

Conference schedule

Paper Session 5 - Model Conceptualisation and Evolution
JUNE 11
11:00–12:30
Lilla Hörsalen

Chair: Jolita Ralyte

Interactive recovery of requirements traceability links using user feedback and configuration management logs
Ryosuke Tsuchiya, Hironori Washizaki, Yoshiaki Fukazawa, Keishi Oshima, Ryota Mibe

Detecting Complex Changes During Metamodel Evolution
Djamel-Eddine Khelladi, Regina Hebig, Reda Bendraou, Jacques Robin, Marie-Pierre Gervais

"We need to discuss the Relationship": Re-visiting Relationships as Modeling Constructs
Nicola Guarino, Giancarlo Guizzardi

Tutorial 4 - Model Matching: Processes and Beyond
JUNE 11
11:00–12:30
L70

Avigdor Gal and Matthias Weidlich

Please see details in the Tutorial section of the programme

Lunch
JUNE 11
12:30–14:00
Social Area

Lunch is served in the Lunch room

Doctoral Consortium - Session 2: Knowledge intensive processes
JUNE 11
14:00–15:30
L30

Chair: Selmin Nurcan

Faculty mentors: Roel Wieringa, Eric Yu

Supporting and assisting the execution of knowledge-intensive processes
Steven Mertens

Tactical management in focus: adaptability and information systems
Renata Petrevska Nechkoska

Situational Method Engineering in ERP implementation methodologies
Adnan Kraljić

Industrial Panel - Digital Transformation and its Impact on Industry, Research and Society
JUNE 11
14:00–15:30
Lilla Hörsalen

Digital Transformation and its Impact on Industry, Research and Society
Chair: Vandana Kabilan
Nicholas Millman, Aleksandra Mojsilović, Kabilan Seenivasagan, Elisabeth Stjernstoft

Please see the Tutorials section and/or the web page for additional details

Conference schedule

JUNE 11
14:00–15:30
L50

Paper Session 6 - Enterprise Data Management
Chair: Marko Bajec

Managing Data Warehouse Traceability: A life-cycle driven approach
Selma Khouri, Kamel Semassel, Ladjel Bellatreche

Specification and Incremental Maintenance of Linked Data Mashup Views
Vania Vidal, Maco Antonio Casanova, Narciso Arruda, Mariano Roberval, Giseli Lopes, Luiz Paes Leme, Chiara Renso

A Model-driven Approach to Enterprise Data Migration
Raghavendra Reddy Yeddula, Prasenjit Das, Sreedhar Reddy

JUNE 11
14:00–15:30
L70

Paper Session 7 - Process Mining, Monitoring and Predicting
Chair: Johann Eder

PM2: a Process Mining Project Methodology
Maikel L. vanEck, Xixi Lu, Sander JJ Leemans, Wil M.P. van derAalst

Completing Workflow Traces using Action Languages
Chiara Di Francescomarino, Chiara Ghidini, Sergio Tessaris, Itzel Vázquez Sandoval

A Novel Top-down Approach For Clustering Traces
Yaguang Sun, Bernhard Bauer

JUNE 11
15:30–16:00
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 11
16:00–17:30
L30

Doctoral Consortium - Session 3: More about data
Chair: Selmin Nurcan
Faculty mentors: Pnina Soffer, Barbara Weber

Data Reduction in Monitored Data
Xuesong Peng

Enrichment of Business Process Management with External Data: Application to a Telecom Operator
Pierre-Aymeric Masse

Integrating the Internet of Things with Business Process Management: A Process-aware Framework for Smart Objects
Giovanni Meroni

JUNE 11
16:00–17:30
Lilla Hörsalen

Panel 2 - Design Science in Information Systems Engineering
Design Science in Information Systems Engineering
Chair: Erik Perjons
Steven Alter, Matti Rossi, Tuure Tuunanen, John Venable, and Roel Wieringa
Please see details in the Panels section and/or the web page.

Conference schedule

Industrial Paper Session 1 - Applications in industry and smart cities
Chair:John Krogstie
JUNE 11
16:00–17:30
L50

A Multi-Agent Framework for a Hadoop Based Air Quality Decision Support System
Abdelaziz El Fazziki, Abderrahmane Sadiq, Jamal Ouarzazi and Mohamed Sadgal

P2PIE: A new enterprise application integration solution
Jörgen Hanson, Jens Ohlsson, Nevzat Ertan, Paul Johannesson, Stefan Wernmo, Ole Schjødt-Osmo, Shengnan Han and Tomas Hedlund

Holistic Design for Continuous Innovation and Sustainable Knowledge bases
Frank Lillehagen and Sobah A. Petersen

Industrial Paper Session 2 - Health applications
Chair: Gustaf Juell-Skielse
JUNE 11
16:00–17:30
DL40

HEALTH BANK – A Workbench for Data Science Applications in Healthcare
Hercules Dalianis, Aron Henriksson, Maria Kvist, Sumithra Velupillai and Rebecka Weegar

Lessons from a Hospital Business Intelligence Implementation
Thodoros Topaloglou and Daniele Barone

Exploration of known and unknown early symptoms of cervical cancer and development of a symptom spectrum - Outline of a data and text mining based approach
Claudia Ehrentraut, Hercules Dalianis and Karin Sundström

Paper Session 8 - Intra- & Inter-organizational Process Engineering
Chair: Hajo Reijers
JUNE 11
16:00–17:30
L70

Extracting Decision Logic from Process Models
Kimon Batoulis, Andreas Meyer, Ekaterina Bazhenova, Gero Decker, Mathias Weske

Equivalence Transformations for the Design of Interorganizational Data-Flow
Julius Köpke, Johann Eder

Automatic Generation of Optimized Process Models from Declarative Specifications
Richard Mrasek, Jutta Mülle, Klemens Böhm

Conference Dinner
JUNE 11
19:00–23:00

Please see the Conference dinner section in the programme

Keynote 3 - From Opinions to Facts: Building Products Customers Actually Use
Chair: Marite Kirikova
JUNE 12
09:30–10:45
Aula

From Opinions to Facts: Building Products Customers Actually Use
Jan Bosch

Please see the Keynote section for details about the talk

Conference schedule

JUNE 12
10:45–11:15
Social Area

Coffee

Coffee, tea, and other refreshments are served in the Green area!

JUNE 12
11:15–12:45
L70

Invited Talk: Design Science Methodology for Information Systems and Software Systems Engineering

Design Science Methodology for Information Systems and Software Systems Engineering
Roel Wieringa

Please see the Keynote section for more details about Roel and about the talk

JUNE 12
11:15–12:45
Lilla Hörsalen

Paper Session 9 - Process Compliance and Alignment

Chair: Anne Persson

Towards the Automated Annotation of Process Models
Henrik Leopold, Christian Meilicke, Michael Fellmann, Fabian Pittke, Heiner Stuckenschmidt, Jan Mendling

Discovery and Validation of Queueing Networks in Scheduled Processes
Arik Senderovich, Matthias Weidlich, Avigdor Gal, Avishai Mandelbaum, Sarah Kadish, Craig A.Bunnell

Verification and Validation of UML Artifact-centric Business Process Models
Montserrat Estanol, Maria-Ribera Sancho, Ernest Teniente

JUNE 12
11:15–12:45
L50

Tutorial 5 - Fundamental Systems Thinking Concepts for IS Engineering: Balancing between Change and Non-change
Gil Regev

Please see details in the Tutorial section of the programme

JUNE 12
12:45–14:15
Social Area

Lunch

Lunch is served in the Lunch room

JUNE 12
14:15–15:45
L50

Doctoral Consortium - Session 4: Configuration

Chair: Selmin Nurcan

Faculty mentors: Peri Loucopoulos, Oscar Pastor

Towards a Framework for Feature Deduplication during Software Product Lines Evolution
Amal Khtira

Time-Aware Service Selection based on Pruning Techniques
Ikbel Guidara

Safe Management of Software Configuration
Markus Raab

Conference schedule

Paper Session 10 - Enterprise IT Integration and Management
JUNE 12
14:15–15:15
L70

Chair: Janis Stirna

Empirical Challenges in the Implementation of IT Portfolio Management: A case study in companies
Lucy Ellen Lwakatare, Pasi Kuvaja, Harri Haapasalo, Arto Tolonen

Integration Adapter Modeling
Daniel Ritter, Manuel Holzleitner

Paper Session 11 - Service Science and Computing
JUNE 12
14:15–15:15
Lilla Hörsalen

Chair: Barbara Pernici

Modelling Service Level Agreements for Business Process Outsourcing Services
Adela Del-Rio-Ortega, Antonio Manuel Gutierrez, Amador Duran, Manuel Resinas, Antonio Ruiz-Cortes

Deriving Artefact-centric Interfaces for Overloaded Web Services
Fuguo Wei, Alistair Barros, Chun Ouyang

Closing Session
JUNE 12
15:15–15:45
Aula

Summary and wrap up of CAiSE'15. Presentation of CAiSE'16

Workshop dinner

The Workshop dinner will be arraged at restaurant Blå Porten. For almost 200 years, Blå Porten has been one of Stockholm's most renowned inns. On April 29, 1869, a strong wind spread a fire that burned the restaurant to the ground.
In 1916, the name Blå Porten was re-introduced to the garden island Djurgården. It opened as a summer restaurant, adjacent to the newly built Liljevalch's Gallery, and with an outdoor terrace in a walled, Italian-inspired garden. To reconnect with its past a navy blue entrance was tiled in the wall. The Blue Gate was once again one of the city's most popular restaurants.

Short travel directions: take the metro to end of line station Kungsträdgården. It's some hundred meters between the Kungsträdgården metro station and the tram/bus stop with the same name. Take tram 7 or bus 69 to station Gröna Lund. The restaurant is just across the street from the stop. Both the bus and the tram will take about 15 minutes. You will need two SL-tickets for a return trip to the venue and those can be collected at the registration desk.

Travel directions can be found here: http://goo.gl/nOLKA7. There is a map with detailed directions in the conference bag.

Conference reception

The City of Stockholm is hosting the reception for CAiSE'15 at the Stockholm City Hall (Stadshuset), the annual venue of the Nobel prize banquet since 1930. The Stockholm City Hall is situated on the island Kungsholmen in the center of Stockholm. It is one of the foremost tourist attractions in Stockholm; please visit http://international.stockholm.se/the-city-hall/ for more information.

The City Hall is just a short walk away from the central station. We recommend that you walk from the metro station Rådhuset instead. It's a nicer experience. A map with directions is in the conference bag. The short version of the directions is this: get on the metro in Kista and get off at Rådhuset. When you exited the station walk in a southern direction until you reach the lake. You should now see the City Hall so follow the water's edge to it. Enter City Hall through the court yard entrance. The complete stroll should take at most 15 minutes. You will need two SL-tickets for a return trip and those, together with the required City hall ticket are collected at the registration desk.

Stockholms stad

The CAiSE'15 conference reception is hosted by Stockholms Stad (the City of Stockholm).

Conference dinner

The conference dinner will be arranged at Högloftet. Opened in 1905, Högloftet (“the High Loft”) was designed by architect Karl Güettler in a romantic rustic architecture wave that reflected an enhanced national romanticism. Two stories tall, and highlighted with a traditional Swedish ceiling, Högloftet offers a glimpse into the Sweden of a bygone era. It is situated within the open-air museum Skansen which shows traditional village life, including original churches, houses, and shops, gathered from all over the country and lovingly reassembled in the capital for all to see and to remember.

Short travel directions: take the metro to end of line station Kungsträdgården. It's some hundred meters between the Kungsträdgården metro station and the tram/bus stop with the same name. Take tram 7 or bus 69 to station Skansen. Both the bus and the tram will take about 15 minutes. You will need two SL-tickets for a return trip to the venue and those can be collected at the registration desk.

A map with detailed directions is in the conference bag.

SKANSENS
RESTAURANGER

Getting online

Internet Access

Participants in CAiSE'15 can access the internet using Eduroam, or using the IT Access Card provided in the badge case.

To use Eduroam
- Connect your WiFi-device to the Eduroam network
- If asked, enter your usual Eduroam access credentials

To use the IT Access Card:
- Connect your WiFi-device to the SU network
- Once connected, choose IT Access Card in the window that will appear
- Enter the access credentials found on the back of the IT Access Card
- Now you are connected.

The card grants access throughout the duration of the conference.

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