

Conference Programme ISD'2005 – Overview

Sunday (August 14)	<u>12.00-17.00:</u> Pre-Conference of ISD'2005 (see special programme)			
	<u>19.00-21.00:</u> Registration and Welcome "Get Together" Party (Restaurant K6)			
Monday (August 15)	<u>8.00-12.00:</u> Registration of ISD'2005 Conference			
	<u>8.45-9.00:</u> Opening Session – Rector Christina Ullenius, Karlstad University (Chair: Wita Wojtkowski). Room: 12A138			
	<u>9.00-10.00:</u> Key Note Speech 1 – "Change Analysis – Innovation and Evolution" by Göran Goldkuhl (Chair: Wita Wojtkowski). Room: 12A138			
	<u>10.30-17.00:</u> <i>Parallel Track:</i> Co-design of Business and IT	<u>10.30-17.00:</u> <i>Parallel Track:</i> Human Values of Information Technology	<u>10.30-17.00:</u> <i>Parallel Track:</i> Requirements Engineering (RE) in the IS Life-Cycle	<u>10.30-17.00:</u> <i>Parallel Track:</i> Management and IT (MIT)
<u>19.00-23.00:</u> Conference Dinner with Outdoor Experience "Mariebergsskogen"				
Tuesday (August 16)	<u>9.00-10.00:</u> Key Note Speech 2 – "The Computer – The Businessman's Window to his Enterprises" by Hans Karlander (Chair: Anders G. Nilsson). Room: 12A138			
	<u>10.30-15.00:</u> <i>Parallel Track:</i> Co-design of Business and IT	<u>10.30-12.00:</u> <i>Parallel Track:</i> Human Values of Information Technology	<u>10.30-12.00:</u> <i>Parallel Track:</i> Requirements Engineering (RE) in the IS Life-Cycle	<u>10.30-12.00:</u> <i>Parallel Track:</i> Management and IT (MIT)
	<u>13.30-17.00:</u> <i>Parallel Track:</i> Communication and Methods	<u>13.30-17.00:</u> <i>Parallel Track:</i> Service Development and IT	<u>13.30-17.00:</u> <i>Parallel Track:</i> Semantic Web Approaches and Applications	<u>10.30-17.00:</u> <i>Parallel Track:</i> Workshops about "Tool Box" for Industry
	<u>19.00-23.00:</u> Conference Dinner with Exhibition at "Värmland's Museum"			
Wednesday (August 17)	<u>9.00-10.00:</u> Key Note Speech 3 – "Challenges in New Service Development and Value Creation through Service" by Bo Edvardsson (Chair: Marius Janson). Room: 12A138			
	<u>10.30-15.00:</u> <i>Parallel Track:</i> Communication and Methods	<u>10.30-15.00:</u> <i>Parallel Track:</i> Service Development and IT	<u>10.30-15.00:</u> <i>Parallel Track:</i> Semantic Web Approaches and Applications	
	<u>15.30-16.15:</u> Panel of ISD'2005 Tracks – "Challenges in the ISD Field" (Chair: Remigijus Gustas). Room: 12A138			
<u>16.15-17.00:</u> Next Conference ISD'2006 – "New Methods and Practice for Networked Society" by Gábor Magyar and Gábor Knapp, Budapest, Hungary. Room: 12A138				

Conference Programme ISD'2005, 14-17 August, 2005

Sunday (August 14)

19.00-21.00 **Registration ISD'2005 Conference and Welcome "Get Together" Party**
Restaurant K6, Karlstad City Centre (close to the hotels).

Monday (August 15)

8.00-8.45 **Registration of ISD'2005 Conference, House 12, Karlstad University**

8.45-9.00 **Opening Session** (Chair: Wita Wojtkowski). **Room: 12A138**
"Karlstad University as a Meeting Point for Multidisciplinary Research and Education" by Rector Christina Ullenius, Karlstad University

9.00-10.00 **Key Note Speech 1** (Chair: Wita Wojtkowski). **Room: 12A138**
"Change Analysis – Innovation and Evolution" by prof. Göran Goldkuhl, Research network VITS, Linköping University

10.00-10.30 **Coffee break**

10.30-12.00 **Parallel Tracks** (see separate programme below).

12.00-13.30 **Lunch**

13.30-15.00 **Parallel Tracks** (see separate programme below).

15.00-15.30 **Coffee break**

15.30-17.00 **Parallel Tracks** (see separate programme below).

19.00-23.00 **Conference Dinner**

Conference Dinner with Outdoor Experience at "Mariebergsskogen", City Park of Karlstad (bus transfer from hotels and walking tour back, 20 min).

Conference Programme ISD'2005, 14-17 August, 2005

Tuesday (August 16)

9.00-10.00 **Key Note Speech 2** (Chair: Anders G. Nilsson). **Room: 12A138**

“The Computer – The Businessman’s Window to his Enterprises” by CEO
Hans Karlander, Procuritas Partners.

10.00-10.30 **Coffee break**

10.30-12.00 **Parallel Tracks** (see separate programme below).

12.00-13.30 **Lunch**

13.30-15.00 **Parallel Tracks** (see separate programme below).

15.00-15.30 **Coffee break**

15.30-17.00 **Parallel Tracks** (see separate programme below).

19.00-23.00 **Conference Dinner**

Conference Dinner with Exhibition at “Värmland’s Museum”, Karlstad City
Center (walking distance from the hotels, 10 min).

Conference Programme ISD'2005, 14-17 August, 2005

Wednesday (August 17)

9.00-10.00 **Key Note Speech 3** (Chair: Marius Janson). **Room: 12A138**

“Challenges in New Service Development and Value Creation through Service” by prof. Bo Edvardsson, Service Research Center/CTF, Karlstad University.

10.00-10.30 **Coffee break**

10.30-12.00 **Parallel Tracks** (see separate programme below).

12.00-13.30 **Lunch**

13.30-15.00 **Parallel Tracks** (see separate programme below).

15.00-15.30 **Coffee break**

15.30-16.15 **Panel of ISD'2005 Tracks** (Chair: Remigijus Gustas). **Room: 12A138**

“Challenges in the ISD Field – Some Reflections from the Track Chairs” by Sven Carlsson, Rodney J. Clarke, Olov Forsgren, Odd Fredriksson, Göran Goldkuhl, John Sören Pettersson, Birger Rapp, William Song and Benkt Wangler.

16.15-17.00 **Next Conference ISD'2006** (Chair: Remigijus Gustas). **Room: 12A138**

“Fifteenth International Conference on Information Systems Development – ISD'2006, Conference theme: New Methods and Practice for Networked Society, Budapest University of Technology and Economics, Hungary” by Gábor Magyar and Gábor Knapp. Contact information: isd2006@bme.hu, <http://isd2006.bme.hu/>

ISD'2005 – Parallel Track: Co-design of Business and IT

Track Chairs: Olov Forsgren (University College of Borås); Göran Goldkuhl (Linköping University)

Monday (August 15)

10.30-12.00	Panel on Co-design (Room: 12A138) “Different Meanings of Co-design”, Lars Albinsson, Rodney J. Clarke, Olov Forsgren and Göran Goldkuhl.
12.00-13.30	Lunch
13.30-15.00	Co-design Thinking (Room: 12A138) “Churchmanian Co-design – Basic Ideas and Application Examples”, Olov Forsgren* (152) “The Ideal Oriented Co-design Approach Revisited”, Christina Johnstone* (154) “What’s in It for Me? – Co-design of Business and IS”, Sandra Haraldson* and Jan Olausson* (104)
15.00-15.30	Coffee break
15.30-17.00	Business Process and IS Co-design (Room: 12A138) “Modelling of Reusable Business Processes: An Ontology-Based Approach”, Donatas Ciuksys* and Albertas Caplinkas* (131) “Product Characteristics Influencing Customer Communication Media Portfolio in Distance Selling Settings”, Karin Axelsson* and Britt-Marie Johansson* (24) “Process Maturity and Organizational Structure as a Framework for Performance Improvements”, Rok Škrinjar*, Vlado Dimovski, Miha Škerlavaj and Mojca Indihar-Štemberger (72)

Tuesday (August 16)

10.30-12.00	Use of Models in Co-design (Room: 12A138) “Modeling Business Processes in Public Administration”, Vaclav Repa* (82) “Facilitating Learning in SPI through Co-design”, Ulf Seigerroth* and Mikael Lind* (84) “Feasibility Study: New Knowledge Demands in Turbulent Business World”, Renate Sprice* and Marite Kirikova* (143)
12.00-13.30	Lunch
13.30-15.00	The Co-operation of Co-designers (Room: 12A138) “Co-design as Proposals, Assessments and Decisions - Stakeholder Interaction in Information Systems Development”, Ulf Larsson* (106) “Inter-Activities Management for Supporting Cooperative Software Development”, Arnaud Lewandowski* and Grégory Bourguin (91) “The Socialisation of Virtual Teams: Implications for ISD”, Brenda Mullally* and Larry Stapleton (38)

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ISD'2005 – Parallel Track: Communication and Methods

Track Chair: Rodney J. Clarke (University of Wollongong, Australia; Staffordshire University, UK)

Tuesday (August 16)

13.30-15.00 **Knowledge and Representation** (Room: 12B149)

“New Document Concept and Metadata Classification for Broadcast Archives”, István Szakadát and Gábor Knapp* (58)

“Class Model Development Using Business Rules”, Tomas Skersys and Saulius Gudas* (44)

“Ontology-Based Evaluation and Design of Domain-Specific Visual Modeling Languages”, Giancarlo Guizzardi*, Luis Ferreira Pires and Marten van Sinderen (127)

15.00-15.30 **Coffee break**

15.30-17.00 **Perspectives on Methods** (Room: 12B149)

“Engagements as a Unifying Concept for Process Integration”, Igor T. Hawryszkiewicz* (151)

“Method Configuration – A Systems Development Project Revisited”, Fredrik Karlsson* (31)

“Combining Project Management Methods: A Case Study of Distributed Work Practices”, Per Backlund* and Björn Lundell* (149)

Wednesday (August 17)

10.30-12.00 **Methodologies and Development Processes** (Room: 12A138)

“User Research Challenges in Harsh Environments: A Case Study in Rock Crushing Industry”, Jarmo Palviainen* and Hannele Leskinen (55)

“Scenarios for Improvement of Software Development Methodologies”, Damjan Vavpotič*, Marko Bajec* and Marjan Krisper (70)

“Managing the Collaborative Networks Lifecycle: A Meta-Methodology”, Ovidiu Noran* (15)

12.00-13.30 **Lunch**

13.30-15.00 **Communication and Context** (Room: 12A138)

“Modelling Assignments”, Jan Olausson* and Mikael Lind* (100)

“Collaborative Tools’ Quality in Web-Based Learning Systems – A Model of User Perceptions”, Paolo Davoli* and Matteo Monari* (47)

“The Work that Analysts Do: A Systematic Functional Approach to Elicitation”, Rodney J. Clarke* (156)

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ISD'2005 – Parallel Track: Human Values of Information Technology

Track Chair: John Sören Pettersson (Karlstad University)

Monday (August 15)

10.30-12.00	Development of Usable Systems (Room: 12B150) “Cost Effective Development of Usable Systems: Gaps between HCI and Software Architecture Design”, Eelke Folmer* and Jan Bosch (133) “Challenging the HCI Concept of Fidelity by Positioning Ozlab Prototypes”, Jenny Nilsson* and Joe Siponen* (81) “Rapid Prototyping of User Interfaces in Robot Surgery – Wizard of Oz in Participatory Design”, Niklas Larsson* and Lennart Molin* (86)
12.00-13.30	Lunch
13.30-15.00	Innovative IT Solutions in Organizations (Room: 12B150) “Designing Simulation-Games for Organizational Prototyping”, Joeri van Laere*, Gert Jan de Vreede and Henk G. Sol (37) “The Role of End-Users for Wireless Information Systems Usage”, Pablo Valiente* (103) “Maintaining Compatibility in an Innovation Infrastructure”, Steinar Kristoffersen* (10)
15.00-15.30	Coffee break
15.30-17.00	Design Paradigms (Room: 12B150) “Defining User Characteristics to Divide Layers in a Multi-Layered Context”, Linn Gustavsson Christiernin* (122) “Translating Metaphors into Design Patterns”, Peter Rittgen* (135) “Exploring the Feasibility of a Spatial User Interface Paradigm for Privacy-Enhancing Technology”, Mike Bergmann, Martin Rost and John Sören Pettersson* (115)

Tuesday (August 16)

10.30-12.00	Perspectives on IT in Practice (Room: 12B150) “Database Level Honeytoken Modules For Active DBMS Protection”, Antanas Cenys*, Darius Rainys, Lukas Radvilavičius and Nikolaj Goranin (56) “Morally Successful Collaboration between Academia and Industry – A Case of a Project Course”, Tero Vartiainen* (33) “Information Society Development in Latvia: Current State and Perspectives”, Janis Grundspenkis* (36)
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ISD'2005 – Parallel Track: Service Development and IT

Track Chair: Odd Fredriksson (Karlstad University)

Tuesday (August 16)

13.30-15.00 E-Commerce and IT Adoption (Room: 12B150)

“Portalen Handelsplats Wermland – Practical E-commerce for Värmland’s Businesses and Municipalities”, Ulrika Obstfelder Peterson* and Ulf Borg*

“How Standard are the Standard Barriers to E-commerce Adoption? Empirical Evidence from Australia, Sweden and the USA”, Robert MacGregor, Lejla Vrazalic*, Sten Carlsson*, Jean Pratt and Matthew Harris (136)

“The Role of Change Agents in Technology Adoption Process”, Regina Gyampoh-Vidogah and Robert Moreton* (41)

15.00-15.30 Coffee break

15.30-17.00 Perspectives on IT Infrastructure (Room: 12B150)

“Conceptual Model of Multidimensional Marketing Information System”, Dalia Kriksciuniene* and Ruta Urbanskiene* (146)

“A Distributed Workspace to Enable Engineering Inter-Company Collaboration: Validation and New Lessons Learnt from SIMNET”, Kamel Rouibah*, Samia Rouibah (23)

“ISETTA: Service Orientation in the ‘Bologna Process’ of a Large University”, Gottfried Vossen* and Gunnar Thies (45)

Wednesday (August 17)

10.30-12.00 E-Services and E-Government (Room: 12B150)

“The User Interface as a Supplier of Interwined e-Services”, Göran Hultgren* and Owen Eriksson (99)

“Selecting Processes for Co-Designing eGovernment Services”, Jörg Becker, Björn Niehaves*, Lars Algermissen, Thorsten Falk and Patrick Delfmann (139)

“E-government: Business Renovation and Informatisation of a Ministry”, Ales Groznik* and Dejan Vivic (89)

12.00-13.30 Lunch

13.30-15.00 The Roles of IT in Building Relationships (Room: 12B150)

“Infusing Technology into Customer Relationships: Balancing High-Tech and High-Touch”, Harald Salomann*, Lutz Kolbe and Walter Brenner (22)

“Prerequisites and Effects of CRM Systems Use in Poland”, Dorota Buchnowska and Stanislaw Wrycza [Paper presented by Jacek Maslankowski*] (116)

“Understanding Enterprise Systems’ Impact(s) on Business Relationships”, Peter Ekman* and Peter Thilenius (76)

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ISD'2005 – Parallel Track: Requirements Engineering in the IS Life-Cycle

Track Chair: Benkt Wangler (University of Skövde)

Monday (August 15)

10.30-12.00 Requirements Modeling (Room: 12B151)

- “Verifying Information Content Containment of Conceptual Data Schemata by Using Channel Theory”, Yang Wang* and JunKang Feng (85)
- “Integration of Schemas on the Pre-Design Level Using the KCPM-Approach”, Jürgen Vöhringer* and Heinrich C. Mayr (96)
- “Towards a Generic and Integrated Enterprise Modeling Approach to Designing Databases and Software Components”, Peter Bellström* and Lars Jakobsson* (3)

12.00-13.30 Lunch

13.30-15.00 From Fuzzy to Formal (Room: 12B151)

- “A Synthesis Approach to Deriving Object-Based Specifications from Object Interaction Scenarios”, K.S. Cheung and K.O. Chow* (27)
- “Formalizing Constraints for Geographic Information”, Jesper Vinther Christensen* and Mads Johnson (130)
- “A Practical Approach of Web System Testing”, Javier Jesús Gutierrez, María José Escalona*, Manuel Mejías and Jesús Torres (29)

15.00-15.30 Coffee break

15.30-17.00 Requirements Engineering Support (Room: 12B151)

- “Overview of the Evaluation Approaches and Frameworks for Requirements Engineering Tools”, Raimundas Matulevičius* and Guttorm Sindre (101)
- “Requirements Engineering Tool Evaluation Approach”, Raimundas Matulevičius* and Guttorm Sindre (66)
- “Decision-Making Activities in Requirements Engineering Decision Processes: A Case Study”, Beatrice Alenljung* and Anne Persson (35)

Tuesday (August 16)

10.30-12.00 Requirements Engineering Practices (Room: 12B151)

- “Requirements Practices: A Comparative Industrial Survey”, June M. Verner*, Steven J. Bleistein, Narciso Cerpa* and Karl A. Cox* (63)
- “An Empirical Study Identifying High Perceived Value Requirements Engineering Practices”, Mahmood Niazi, Karl Cox* and June Verner* (62)
- “A First Step towards General Quality Requirements for E-records”, Erik Borglund* (87)

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ISD'2005 – Parallel Track: Semantic Web Approaches and Applications

Track Chair: William Song (University of Durham, UK)

Tuesday (August 16)

13.30-15.00 **Ontology and Applications** (Room: 12B151)

“Domain Knowledge-Based Reconciliation of Model Fragments”, Darijus Strasunskas, Yun Lin and Sari Hakkarainen* (74)

“Using Ontologies for Business and Application Integration in Enterprise Quality Management”, Alexandra Galatescu* and Taisia Greceanu (32)

“Ontology-Based Elicitation of Business Rules”, Olegas Vasilecas* and Diana Bugaite (105)

15.00-15.30 **Coffee break**

15.30-17.00 **Semantics in XML** (Room: 12B151)

“Exporting Relational Data into a Native XML Store”, Jaroslav Pokorny* and Jakub Reschke (112)

“The XSD-Builder Specification Language – Toward a Semantic View of XML Schema Definition”, Joseph Fong* and San Kuen Cheung* (12)

“Challenges in Developing XML-Based Learning Repositories”, Jerzy Auksztol and Tomasz Przechlewski* (54)

Wednesday (August 17)

10.30-12.00 **Semantic Web and Grid** (Room: 12B151)

“Semantic Modeling for Virtual Organization: A Case for Virtual Course”, William Song* and Xiaoming Li (118)

“semiBlog - Semantic Publishing of Desktop Data”, Knud Möller*, John Breslin and Stefan Decker (114)

“WEB Services Networks and Technological Hybrids – The Integration Challenges of WAN Distributed Computing for ASP Providers”, Pawel Mroczkiewicz [Paper presented by Bartosz Marcinkowski*] (13)

12.00-13.30 **Lunch**

13.30-15.00 **Semantic Search and NL** (Room: 12B151)

“Named Entity Recognition in a Hungarian NL Based QA system”, Domonkos Tikk, P. Ferenc Szidarovszky, Zsolt T. Kardkovács and Gábor Magyar* (123)

“Architecture of Multi-Modal Interface by Means of Mobile Agents in Data Exploration and Presentation Domain”, Algirdas Laukaitis and Olegas Vasilecas*(68)

“Active Extensions in a Visual Interface to Databases”, Mariusz Trzaska* and Kazimierz Subieta (110)

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ISD'2005 – Parallel Track: Management and IT (MIT)

Track Chairs: Sven Carlsson (Lund University); Birger Rapp (Linköping University)

Monday (August 15)

10.30-12.00	Business Value and IT (Room: 12B152)
	“The Business Value and Significance of Informatics”, Ales Groznik* and Dejan Vicic (88)
	“Information Management in Small Enterprises – Construction of a Tool with a Holistic Perspective”, Carina Helmersson* and Theresia Olsson Neve (134)
	“Improving ICT Governance by Reorganizing Operation of ICT and Software Applications: The First Step to Outsource”, Björn Johansson* (59)
12.00-13.30	Lunch
13.30-15.00	Enterprise Systems in Organisations (Room: 12B152)
	“Beliefs and Attitudes Associated with ERP Adoption Behaviours: A Grounded Theory Study from IT Manager and End-User Perspectives”, Santipat Arunthari and Helen Hasan [Paper presented by Rodney J. Clarke*] (16)
	“Supporting Knowledge Transfer in IS Deployment Projects”, Mikael Schönström* (51)
	“IT Enabled Enterprise Transformation: Perspectives Using Product Data Management”, Erisa K. Hines* and Jayakanth Srinivasan (60)
15.00-15.30	Coffee break
15.30-17.00	Reflections on Knowledge in ISD (Room: 12B152)
	“Integration of Text- and Data-Mining Technologies for Use in Banking Applications”, Jacek Maslankowski* (90)
	“Syndicate Data Incorporation into Data Warehouses: A Categorization and Verification of Problems”, Mattias Strand, Benkt Wangler*, Björn Lundell* and Markus Niklasson (69)
	“Reflections on the Body of Knowledge in Software Engineering”, Dace Apshvalka* and Peter Wendorff (46)

Tuesday (August 16)

10.30-12.00	Knowledge Management in ISD and Use (Room: 12B152)
	“A Relational Perspective on Knowledge Integration between Self-Contained Work Groups: A Case Study in the Health Care Sector”, May Wismén* and Sven Carlsson* (113)
	“The Birth, Death, and Resurrection of an SPI Project”, Sven Carlsson* and Mikael Schönström* (95)
	“Developing Organisational Knowledge Management Initiatives: A Collaborative Research Approach”, Henry Linger* (159)

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