

23th Monday - Detailed Programme

	Room 1	Room 2	Room 3	Room 4	Room 5
09:00	Opening Session and Keynote Speakers				
10:15	Coffee Break and Opening of Poster and Demonstration Sessions				
11:00	CS1	TECE	ILL1	ACE1	COPRA
12:30	LUNCH				
14:00	CS2	PDLCM	ILL2	ACE2	CM
15:30	Coffee Break				
16:00	NVE	PDSCE	KET	ACE3	DPI
17:30	End				
17:45/18:00	- Social Event - (see detailed program in separate leaflet) Boat Cruise with taste of Portuguese wine (to all including accompanying people) Lisbon Sightseeing by bus + Portuguese typical dinner (continuation for registered only)				

CS1 – “Collaborative Systems 1” – (Room 1 - 11h00)	
Chair: Wolfgang Prinz	
OSS Tools to Support Collaborative Mobile Work Practices	<i>Burak Sari, Gordon Sung, Robert Sparnaaij, Felix Akaret</i>
Productivity in Collaboration-intensive Knowledge Work: The Collaboration Management Imperative	<i>Kjetil Kristensen, Björn Kijl</i>
Collaborative Working Environments as Globalised Inquiry for All	<i>Martina Sophia Bach, Leif Bloch Rasmussen</i>
A Framework of Municipal Management Information Systems (MMIS) in E-government	<i>Yuanfang Wang, Hongren Zhou, Zhongliang Jing</i>
CS2 – “Collaborative Systems 2” – (Room 1 - 14h00)	
Chair: Kjetil Kristensen	
Achieving Interoperability in Grid-Enabled Virtual Organisations	<i>Peter Katranuschkov, Alexander Gehre, Faisal Shaukat, Raimar J. Scherer</i>
How the idea of a Single European Electronic Market is turning into reality	<i>Josef Wiesinger, Sven Abels</i>
Validation of architectural targets in business components identification	<i>Oliver Skroch, Klaus Turowski</i>
An intelligent system to business and enterprise management - IDEA	<i>Gabriela Rodica Hrin, Lucian Emanuel Anghel, Adrian David</i>
NVE – “Networked and virtual Enterprises” – (Room 1 - 16h00)	
Chair: Hermann.Kuehnle	
Critical Success Factors and Challenges to develop new Sustainable Supply Chains in India based on Swiss Experiences	<i>Myrna Flores, Claudio Boer, Luca Canetta, Michel Pouly, Mathew Cherian</i>
The effects of various forms of inter-organizational trust on competitiveness	<i>Lucio Biggiero, Enrico Sevi</i>
inContext: On Coupling and Sharing Context for Collaborative Teams	<i>Hong-Linh Truong, Christoph Dorn, Schahram Dustdar</i>
Adopting synchronous collaboration services within multidisciplinary organisations	<i>Marek Suchocki</i>

Room 2

TECE – “Training and Education in Concurrent Enterprising” - (Room 2 - 11h00)**Chair:** Petri Pulli

Enhancing co-design reliability by inter-organizational learning and loose coupling concepts	<i>Colin Lalouette</i>
Management at a distance is not uniform — Variations in management of remote employees in a geographically distributed public organisation	<i>Svein Bergum</i>
Concepts for Collaborative Innovation Training	<i>Priya Johal, Johann Riedel, Kulwant Pawar</i>
Centre of Knowledge in Computer Technology for the Strengthening of Processes of Education on Distrital University Community	<i>Juan Carlos Guevara, Ginna Largo Ordoñez, Luis Felipe Wanumen</i>

PDLCM – “Product Data and Life Cycle Management” – (Room 2 - 14h00)**Chair:** Johann Riedel

Modelling decision support systems for Middle-of-life in product lifecycle management	<i>Andrea Zangiacomi, Rosanna Fornasiero</i>
Development of PROMISE Architecture and PDKM Semantic Object Model	<i>Jacopo Cassina, Marco Taisch, David Potter, Ajith Kumar Parlikad</i>
DISCO: Design and Implementation of a Web-based Platform for Industrial PDM and Collaborative Design	<i>Alberto Olmo, Carmen Aguilera, Alejandro García</i>
PLM Maturity Assessment	<i>Henk Jan Pels, Kees Simons</i>

PDSCE – “Product Data and Services in Concurrent Enterprising” – (Room 2 - 16h00)**Chair:** Vesa Salminen

IFC and PMO for estimating building environmental effects	<i>Pekka Siltanen, Sirje Vares, Markus Ylikerälä, Abdul Samad (Sami) Kazi</i>
E-traceability for ISO STEP CAD/CAM/CNC supply chains	<i>Julio Garrido Campos, Ricardo Marín Martín, Juan Sáez López, José Ignacio Armesto Quiroga</i>
Design and Development of Mobile Services Processes for Senior Citizens	<i>Petri Pulli, Xiaosong Zheng, Mikko Rissanen, Peter Antoniac, Seamus Hickey, Tony Manninen, Eeva Leinonen, Olli Martikainen, Tomohiro Kuroda</i>
Product – Service transition: research questions	<i>Ahmad Beltagui, Johann Riedel, Kulwant Pawar</i>

Room 3

ILL1 – “Innovation and LivingLabs 1” – (Room 3 - 11h00)**Chair:** Patricia Wolf

Living Labs: new ways to enhance innovativeness in public sector services	<i>Suvi Konsti-Laakso, Lea Hennala, Tuomo Uotila</i>
Best Practices, Innovation and Development: Experiences from Five Living Lab Innovation Environments	<i>Irma Mäkäräinen-Suni</i>
Supporting innovative SME in innovation processes: The role of regional intermediaries	<i>Patricia Wolf, Manon van Leeuwen, Christoph Hauser, Simone Schweikert</i>
Adaptability through open innovation, a complexity view on selectivity	<i>Milton Jorge Correia de Sousa</i>

ILL2 – “Innovation and LivingLabs 2” – (Room 3 - 14h00)**Chair:** Bernhard R. Katzy

Increased Efficiency in Customer Involvement in Configuration Processes: The SWOP Approach	<i>Holger Eckstein, Frank Josefiak</i>
Monitoring and Control of Collaborative Innovation in Small Firms' networks	<i>Hermann Kuehnle, Gerd Wagenhaus</i>
Applying Serious Games for Supporting Idea Generation in Collaborative Innovation Processes	<i>Jannicke Baalsrud Hauge, Heiko Duin, Klaus-Dieter Thoben</i>
Computer Related Inventions, in particular Business Methods: Examination at the European Patent Office	<i>Jörg Macheck, Johannes Triest</i>

KET – “Knowledge Engineering and Training” – (Room 3 - 16h00)**Chair:** Heiko Duin

Towards an Ontology-based Approach for Formalisation of Expert Knowledge in Conformity Checking Model in Construction	<i>Anastasiya Yurchyshyna, Catherine Faron-Zucker, Nhan Le Thanh, Alain Zarli</i>
Semantic Web Services as Foundation for Enterprise Interoperability	<i>Srdjan Komazec, Omair Shafiq, Federico Facca, Michal Zaremba, Mick Kerrigan</i>
Organizational knowledge in enterprise systems	<i>Markus Rehfeldt</i>
The CoSpaces Training System	<i>Pedro Maló, João Sarraipa, Ricardo Jardim-Gonçalves, Adolfo Steiger-Garção</i>

Room 4

ACE1 – “Product Data and Life Cycle Management” – (Room 4 - 11h00)**Chair:** *Peter Katranuschkov*

Development of a software platform for collaborative MCAD based shoe design	<i>Monica Carfagni, Lapo Governi, Yary Volpe</i>
Concurrent conceptual design of aero-structure assembly lines	<i>Fernando Mas, José Ríos, José Luis Menéndez, Juan Carlos Hernández, Antonio Vizán</i>
Ontology Mining for Platform Extraction in Product Development	<i>Nitesh Khilwani, J. A. Harding, M. K. Tiwari</i>
Product Development guided by Value Analysis through Collaborative R&D	<i>Carlos Bento, Paulo Peças, Elsa Henriques, Arlindo Silva</i>

ACE2 – “Advances in Concurrent Engineering 2” – (Room 4 – 14h00)**Chair:** *Kulwant S. Pawar*

Enabling Innovative Concurrent Engineering and Collaborative Manufacturing in Extended Enterprises	<i>Antonio Estruch, Carlos Vila, Héctor Siller, Fernando Romero, José Vicente Abellán</i>
Integrated resource management: creating sustainable advantages in the new product development process	<i>J. Amaro dos Santos, Maria Bernadete Brandão</i>
Towards a facilitation tool for steering design processes: a case study in architecture	<i>Ahmed Laaroussi, Alain Zarli</i>
IT Platform as a tool to support products innovation manufactured in enlarged Europe	<i>Maria Zybura, Magdalena Szutkowska, Grzegorz Skrabalak</i>

ACE3 – “Advances in Concurrent Engineering 3” – (Room 4 - 16h00)**Chair:** *Rui Neves da Silva*

Design Scoreboard: capturing design spending in firms	<i>Ahmad Beltagui, Johann Riedel, Kulwant Pawar, James Moultrie, Cecilia Malvido de Rodriguez, Finbarr Livesey</i>
Collaborative Engineering Issues and Challenges: Insights from a Reconstruction Project Case	<i>Burak Sari, Bernhard R. Katzy</i>
Using an Inference Engine to Detect Conflicts in Collaborative Design	<i>Moisés Dutra, Catarina Ferreira da Silva, Parisa Ghodous, Ricardo Gonçalves</i>
A Strategic Evaluation Framework for Collaborative Product Development Practices	<i>Gülçin Büyükközkán</i>

Room 5

COPRA - "Collaborative Practice" – (Room 5 - 11h00)**Chair:** *Dieter Thoben, Norbert Jastroch*

Enterprise interoperability and collaborative working are two aspects of interenterprise collaboration. The first one implies rather a systemic view, the second one rather an activity related view on collaboration of enterprises within their ecosystems. Information technology is challenged to support both aspects.

The predominant approaches to interenterprise collaboration still let show lack of dealing with this from the perspective of composite practices. On this background, the session aims to put forward a sample of ways how to bring in features that ease the deployment of interenterprise collaboration systems.

Quality Management in Collaborative Networks	<i>Patrick Sitek, Marcus Seifert, Klaus-Dieter Thoben, Mario Rapaccini, Filippo Visintin</i>
Collaborative Networks: An innovative approach to enhance competitiveness of small firms in Brazil	<i>Paulo Fernando Pinto Barcellos, Ademar Galelli, Antony Mueller, Zaida Cristina dos Reis, Jucelda de Lourdes Gonzatto Peretti</i>
Strengthening the Collaboration among Eastern European SME Clusters by implementing an Open-Source based Tool and support platform	<i>Ali Imtiaz, Oliver Budde, Jannicke Baalsrud Hauge</i>
Capability Maturity Models for Collaborative Networked Organisations	<i>Josef Witham, Walter Wölfel</i>

CM - "Competency Management" (Room 5 - 14h00)**Chair:** *Jürgen Dorn*

Competence management is the planned development of human resources and the adequate staffing of jobs or projects with persons satisfying the competence requirements. In the session the first talk will present how competence management can be applied in projects and how competences for project management can be measured. In the second talk competence management is applied to organize inter-organizational team meetings in security relevant domains.

A Quantitative Competence Model for e-Recruiting and Team Building in Safety Critical Domains	<i>F. Nirschl and M. Fuchs and J. Dorn</i>
Supporting Competence Management in Software Projects	<i>J. Dorn, M. Pichlmair, K. Schimper and H. Tellioglu</i>

DPI - "Defining performance indicators for cross-enterprise processes" (Room 5 - 16h00)**Chair:** Dana Shishmanian

Some axes of reflection and research proposed are: What is the scope of performance indicators. Which are the semantic levels for defining performance indicators. Which methods we have for defining performance indicators for industrial and logistic cross-enterprise processes. What is the gap to a complete definition: Is the semantic approach completely satisfactory? What do we lose when trying to translate a modelling formalism into another? How to identify these inexplicit contents, how to explicit and formalize them? How can we capture and quantify performance indicators in different industrial and professional areas: ideas, methods, techniques, tools, researches. Innovation exploratory fields: free for theoretical and empirical experimentations...

A. Theoretical Section (methodology)

A Contribution for the Development of Performance Indicators of the Organization Intangible Assets	<i>Claudelino Martins D. Junior, Osmar Possamai, Ricardo Gonçalves, Celson Lima</i>
Remarks About the Use of Symbol Indicators for Logistics and Manufacturing Process Evaluation	<i>Fiorenzo Franceschini, Maurizio Galetto</i>
How to Measure Interoperability: Concepts and Approach	<i>Yves Ducq, David Chen</i>
Understanding Concerns with Ontologies	<i>Crenguta Bogdan, L. D. Serbanati, Dana Shishmanian</i>
Topic Map and Ontology for Knowledge Management	<i>Zoltan C. Kovacs, Mate Toth</i>

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