

PRO-VE'10 PROGRAM

IMPORTANT: The “spirit” of PRO-VE has been always to promote strong interaction among all participants. Therefore all participants are kindly requested to plan their trips so that they can stay for the **full duration of the conference**. **Coming just for a strict slot to present a paper and leave is not within the objectives of the conference.**

SCHEDULE

11 October 2010				12 October 2010				13 October 2010					
08:00	Registration			08:30	D1	D2	D3	WIVE Workshop	09:00	G1	G2	G3	Panel CNO Cases
09:00	Opening Session												
09:30	Keynote 1												
10:30	Coffee break			10:30	Coffee break				10:30	Coffee break			
11:00	A1	A2	A3	11:00	E1	E2	E3	WIVE Workshop	11:00	H1	H2	H3	Panel CNO Cases
12:30	Lunch			12:30	Lunch				12:30	Lunch			COVE Working Lunch
14:00	B1	B2	B3	14:00	F1	F2	F3	WIVE Workshop	14:00	I1	I2	I3	
16:00	Coffee break			16:00	Coffee break				15:30	Coffee break			
16:30	C1	C2	C3	16:30	Keynote 2				16:00	Closing Session			
18:00				17:30					SOCOLNET - General Assembly (Members only)				
18:30	Welcome reception			17:45	Social Event								19:00
19:30				20:00									
				20:30	Conference dinner								
				23:30									

Monday - 11 October 2010

08:00 Registration

09:00 Opening Session

09:30 Keynote 1:

Ambient Intelligence and Collaborative Networks

Dr Juan Carlos Augusto, University of Ulster at Jordanstown, UK

10:30 Coffee break

11:00 Parallel Sessions A

Session A1: Innovation Networks

Chair: *Ovidiu Noran*

Support for Innovation Processes in Collaborative Networks

Heiko Duin (GERMANY), Manuel Fradinho (IRELAND), Marcus Seifert and Klaus-Dieter Thoben (GERMANY)

The Role of Collaborative Networks in Business Model Innovation

Joseba Arana and Eduardo Castellano (SPAIN)

Stakeholder Analysis of a Platform and Ecosystem for Open Innovation in SMEs

Jan Zibuschka, Uwe Laufs and Wolf Engelbach (GERMANY)

Session A2: Trust and Information

Chair: *A. Luis Osório*

The Variable Nature of Trust in Sustainable Collaborative Ventures

Ronald C Beckett and Michael Jones (AUSTRALIA)

Informedness in Collaborative Networks Through Active Information Provisioning

Heiko Thimm (GERMANY) and Karsten Boye Rasmussen (DENMARK)

Integration of Business and Industrial Knowledge on Services to Set Trusted Business Communities of Organisations

Frédérique Biennier, Régis Aubry, and Mathieu Maranzana (FRANCE)

Session A3: Collaboration Process Models

Chair: *António Volpentesta*

Application of the EKD Process Model to Support the Coordination of Collaborative Networks in the Civil Construction Sector

Flávia Vancim Frachone Neves and Fábio Müller Guerrini (BRAZIL)

Lightweight Process Modeling for Virtual Enterprise Process Collaboration

Lai Xu, Paul de Vrieze, Keith Phalp, Sheridan Jeary (UK) and Peng Liang (CHINA)

Integration of the Supplier Capacity for Choosing the Less Risky Schedule within an Uncertain Environment

Romain Guillaume, Caroline Thierry and Bernard Grabot (FRANCE)

12:30 Lunch

14:00 Parallel Sessions B

Session B1: Sustainability cases - I

Chair: *Alexandra Pereira-Klen*

Towards an Environmental Management Approach for Collaborative Networks

Ovidiu Noran (AUSTRALIA)

Green Virtual Enterprises and their Breeding Environments

David Romero and Arturo Molina (MEXICO)

Collaborative Networks for Biodiversity Domain Organizations

Ekaterina Ermilova and Hamideh Afsarmanesh (NETHERLANDS)

Active Ageing Roadmap – A collaborative Networks Contribution to Demographic Sustainability

Luis M. Camarinha-Matos (PORTUGAL) and Hamideh Afsarmanesh (NETHERLANDS)

Session B2: Carbon Efficient Value Networks

Chair: *Sophie D'Amours, Patrick Burlat*

Linking Carbon Performance and Effectiveness of Supply Chains

Anicia Jaegler and Patrick Burlat (FRANCE)

Methodology for Carbon Footprint in Forestry - Findings and Ways of Improvement

Gabriel Chauvet, Jean-Luc Paris, Olivier Devise and André Charles (FRANCE)

How IS Contribute to the Development of a Sustainable Procurement Policy

Oihab Allal-Chérif (FRANCE)

Promoting Sustainability Awareness through Energy Engaged Virtual Communities of Construction Stakeholders

Yacine Rezgui, Ian E. Wilson, and Haijiang Li (UK)

Session B3: Collaborative Health Networks

Chairs: *Vincent Augusto, Béatrix Besombes, Benoit Montreuil, Agostino Villa*

A System Architecture Supporting the Agile Coordination of Homecare Services

Elyes Lamine, Sabrina Zefouni, Rémi Bastide and Hervé Pingaud (FRANCE)

Care network Coordination for Chemotherapy at Home: A Case Study

Tian Zhang, Eric Marcon and Maria Di Mascolo (FRANCE)

Strategic and Tactical Hospital Bed Management in Belgium and in France

D. Gossart, N.Meskens (BELGIUM), and A. Guinet (FRANCE)

From Clinical Practice Guideline to Clinical Pathway –Issues of Reference Model-Based Approach

Hannes Schlieter, and Werner Esswein (GERMANY)

16:00 Coffee break

16:30 Parallel Sessions C

Session C1: Learning and Collaboration

Chair: *Lai Xu*

Learning Collaboration Moderator Services: Supporting Knowledge based Collaboration

A. K. Choudhary, J. A. Harding, R. Swarnkar, B. P. Das and R. I. Young (UK)

A High Level Architecture for Personalized Learning in Collaborative Networks

Hamideh Afsarmanesh and Jafar Tanha (NETHERLANDS)

Non-hierarchical Collaboration in Dynamic Business Communities

A. H. M. Shamsuzzoha, Timo Kankaanpaa, Petri Helo (FINLAND), Luis Maia Carneiro, Ricardo Almeida (PORTUGAL) and Rosanna Fornasiero (ITALY)

Session C2: Partners Selection and VO Creation - I

Chair: *Jens Eschenbaecher*

A Multi-layer Framework for Virtual Organizations Creation in Breeding Environment

Khoulood Boukadi, Lucien Vincent and Chirine Ghedira (FRANCE)

Autonomic Approach to Planning and Scheduling in Networked Small Factories

Flavio Bonfatti, Luca Martinelli and Paola Daniela Monari (ITALY)

An Approach to Select Suppliers for Sustainable Collaborative Networks

María José Verdecho, Juan José Alfaro-Saiz, and Raúl Rodríguez-Rodríguez (SPAIN)

Session C3: Inter-organisational Information Systems for CNs - I

Chairs: *Carine Dominguez, Federico Pigni*

Inter-Organizational Information System Architecture: A Service-Oriented Approach

Mohammad Kazem Haki and Maia Wentland Forte (SWITZERLAND)

Factors Affecting RFID Adoption in a Vertical Supply Chain: The Case of the Silk Industry in Italy

Cristina Quetti and Federico Pigni (italy)

Value Creation in Collaborative Networks: The Case of RFID Implementation

Carine Dominguez, Blandine Ageron and Gilles Neubert (FRANCE)

18:30 Welcome Reception

Tuesday - 12 October 2010

08:30 Parallel Sessions D

Session D1: Collaborative Networks Implementations

Chair: *Joseba Arana*

A Structured Approach for Implementing Virtual Organization Breeding Environments in the Mold and Die Sector – A Brazilian Case Study

Fabiano Baldo, and Ricardo J. Rabelo (BRAZIL)

An Innovative Framework Supporting SME Networks for Complex Product Manufacturing

Luis Maia Carneiro, Ricardo Almeida, Américo Lopes Azevedo (PORTUGAL), Timo Kankaanpaa and AHM Shamsuzzoha (FINLAND)

The Implications of the 4 C's of Supply Chain Network Interaction Strategies for Cost Information Visibility and Network Profitability – An Integrative Model

Jyotirmoyee Bhattacharjya, David Walters, Charlotte Newton (AUSTRALIA)

Idioms for Collaborative Government Networks – Conceptualization and Applications to Seamless Services

Elsa Estevez, Adegboyega Ojo, and Tomasz Janowski (MACAU)

Session D2: Service Orientation in Collaborative Networks - I

Chair: *Igor Hawryszkiewicz*

Social Service Brokerage based on UDDI and Social Requirements

Jan Świerzowicz and Willy Picard (POLAND)

Conceptual Design of Service Procurement for Collaborative Service Networks

Maik Herfurth and Peter Weiß (GERMANY)

Applying e-Service Model in Assessment and Comparison of Services

Egidijus Ostasius, and Zivile Petravičiute (LITHUANIA)

Pro-Active Service Entity Framework for a Better Mapping Between Business and Software

Tiago Cardoso, and Luis M. Camarinha-Matos (PORTUGAL)

Session D3: Modeling and Managing Competencies - I

Chair: *Hamideh Afsarmanesh*

Managing the Competencies of Team Members in Design Projects Through Multi-period Task Assignment

Onanong Hlaoittinun, Eric Bonjour and Maryvonne Dulmet (FRANCE)

Aided VTB System: Zooming in on Web 2.0 Tools and Competence Management

Marinita Schumacher, Marc Diviné, Julie Stal-Le Cardinal and Jean-Claude Bocquet (FRANCE)

A new Approach to Competence-based Business Partner Profiles for Collaborative Business Process Management

Thomas Schuster and Peter Weiß (GERMANY)

Pattern-based Competence Management: On the Gap Between Intentions and Reality

Ralf Klamma and Zinayida Petrushyna (GERMANY)

10:30 Coffee break

11:00 Parallel Sessions E

Session E1: Collaborative Work Environments

Chair: *Heiko Thimm*

A Privacy Enhancing Architecture for Collaborative Working Environments

Jasone Astorga, Purificacion Saiz, Eduardo Jacob and Jon Matias (SPAIN)

Collaborative Design System for Supporting Dynamic Virtual Enterprises

Michele Germani, Marco Mandolini, Maura Mengoni and Margherita Peruzzini (ITALY)

Towards Controlling the Acceptance Factors for a Collaborative Platform in Engineering Design
Ardavan Dargahi, Franck Pourroy and Frédéric Wurtz (FRANCE)

Session E2: Partners Selection and VO Creation - II

Chair: *Luis Carneiro*

Evaluating How Potential Pool of Partners Can Join Together in Different Types of Long Term Collaborative Networked Organizations

Andrea Cardoni, Stefano Saetta and Lorenzo Tiacchi (ITALY)

Creation of Dynamic Virtual Organizations for Child Abuse Prevention in the VO Breeding Environment Context

Pedro Sanz Angulo and Juan José de Benito Martín (SPAIN)

MAPSS, a Multi-Aspect Partner and Service Selection Method

Zbigniew Paszkiewicz and Willy Picard (POLAND)

Session E3: Inter-organisational Information Systems for CNs - II

Chairs: *Carine Dominguez, Federico Pigni*

Supporting Software Services' Trustworthiness in Collaborative Networks

Maiara Heil Cancian, Ricardo J. Rabelo and Christiane Gresse von Wangenheim (BRAZIL)

Supporting Software Services Discovery and Sharing in Collaborative Networks

Alexandre Perin-Souza and Ricardo J. Rabelo (BRAZIL)

Methodology for Prior Evaluation of Interoperability

Mamadou Camara, Yves Duca, and Remy Dupas (FRANCE)

12:30 Lunch

14:00 Parallel Sessions F

Session F1: Sustainability cases - II

Chair: *Américo Azevedo*

eAPL Vision 2020 for Active Ageing of Senior Professionals

Hamideh Afsarmanesh (NETHERLANDS) and Simon S. Msanjila (TANZANIA)

A Network of Complementary SMEs for a Global Infrastructure for Services: the Example of Environmental Urban Services

Alan Lelah, Fabrice Mathieux, Daniel Brissaud, and Lucien Vincent (FRANCE)

A Framework for Maintaining Socio-technical Balance during the Evolution of Complex Systems

Igor Hawryszkiewicz (AUSTRALIA)

Adoption and Diffusion of m-Government: Challenges and Future Directions for Research

Ahmed Al-Hadidi and Yacine Rezgui (UK)

Session F2: Service Orientation in Collaborative Networks - II

Chair: *Willy Picard*

Engineering of Service Oriented Collaborative Network

Nesrine Elhabib, Xavier Boucher and Sophie Peillon (FRANCE)

Towards a Reference Architecture for a Collaborative Intelligent Transport System Infrastructure

A. Luis Osório (PORTUGAL), Hamideh Afsarmanesh (NETHERLANDS) and Luis M. Camarinha-Matos (PORTUGAL)

Using Event B to Specify QoS in ODP Enterprise Language

Hafid Belhaj, Youssef Balouki, Mohamed Bouhdadi, and Said El hajji (MOROCCO)

Towards a Modeling Framework for Service-Oriented Digital Ecosystems

Rubén Darío Franco, Angel Ortiz, Pedro Gómez-Gasquet and Rosa Navarro Varela (SPAIN)

Session F3: Modeling and Managing Competencies - II

Chairs: *Xavier Boucher, Ralf Klamma*

Reasoning about Skills and Competencies

Maryam Fazel-Zarandi and Mark S. Fox (CANADA)

A Competence-based Collaborative Network: The West Midlands Collaborative Commerce Marketplace

Yen Cheung, Helana Scheepers (AUSTRALIA), Mark Swift (UK), Vincent Lee (AUSTRALIA) and Jay Bal (UK)

UNICOMP: Identification of Enterprise Competencies to Build Collaborative Networks

Kafil Hajlaoui, Xavier Boucher and Omar Boussaid (FRANCE)

The Role of Organizational Competences in the Evolution of Business Models

Matheus Pinotti Moreira, Sophie D'Amours, Robert Beauregard and Riadh Azouzi (CANADA)

16:00 Coffee break

16:30 Keynote 2:

Toward a Physical Internet: A Global Sustainability Focused Collaborative Networking Initiative

Professor Benoit Montreuil, Laval University, Canada

17:45 Social Event

20:30 Conference dinner

Wednesday - 13 October 2010

09:00 Parallel Sessions G

Session G1: Management of CNs in Humanitarian Organizations - I

Chair: *Aurélie Charles*

Conceptualising Inventory Prepositioning in the Humanitarian Sector

Delia Richardson, Sander de Leeuw and Iris F.A. Vis (NETHERLANDS)

Collaboration Networks Involving Humanitarian Organisations - Particular Problems for a Particular Sector

Aurélie Charles, Matthieu Lauras and Rolando Tomasini (FRANCE)

What Really Matters in Locating Shared Humanitarian Stockpiles: Evidence from the WASH Cluster

Sander de Leeuw (NETHERLANDS), Laura Rock Kopczak (SPAIN) and Martijn Blansjaar (UK)

Session G2: Semantic Interoperability for VO - I

Chair: *Hervé Pingaud*

Semantic Reconciliation in Interoperability Management through Model-driven Approach

Frédéric Bénaben, Nicolas Boissel-Dallier, Jean-Pierre Lorré and Hervé Pingaud (FRANCE)

Security, Privacy and Interoperability in Heterogeneous Systems

Jian Zhong, Peter Bertok and Zahir Tari (AUSTRALIA)

From BPMN 2.0 to the Setting-Up on an ESB - Application to an Interoperability Problem

Y. Lemrabet, D. Clin, M. Bigand and J.-P. Bourey (FRANCE)

Session G3: Performance and Value - I

Chair: *A. Lucas Soares*

The Impact of Inter-organizational Social Capital in Collaborative Networks Competitiveness: An Empirical Analysis

Janaina Macke, Rolando Vargas Vallejos, Kadigia Faccin and Denise Genari (BRAZIL)

Measuring and Evaluating Communication Intensities in Collaborative Networks

Jens Eschenbächer, Novica Zarvić, Oliver Thomas and Klaus-Dieter Thoben (GERMANY)

Generic Mechanisms for Coordinating Operations and Sharing Financial Benefits in Collaborative Logistics

Jean-François Audy, Sophie D'Amours, Nadia Lehoux (CANADA) and Mikael Rönqvist (NORWAY)

10:30 Coffee break

11:00 Parallel Sessions H

Session H1: Management of CNs in Humanitarian Organizations - II

Chair: *Agostino Villa, Aurelie Charles*

A Mediation Information System to Help to Coordinate the Response to a Crisis

Sébastien Truptil, Frédéric Bénaben and Hervé Pingaud (FRANCE)

Towards a Reference Mission Map for Performance Measurement in Humanitarian Supply Chains

Sander de Leeuw (NETHERLANDS)

Towards a Performance Measurement System to Control Disaster Response

Carine Rongier, Didier Gourc, Matthieu Lauras, and François Galasso (FRANCE)

Session H2: Semantic Interoperability for VO - II

Chairs: *J. P. Bourey, P. Bertok*

Use of Ontology for Solving Interoperability Problems between Enterprises

Hui Liu, Anne-Françoise Cutting-Decelle and Jean-Pierre Bourey (FRANCE)

Building an Informal Ontology to Support Collaborative Network Operation: A Case Study

Carla Pereira, Cristóvão Sousa and António Lucas Soares (PORTUGAL)

Towards Business Ontologies Matching for Inter-Enterprise Collaboration Platform in a Lean Manufacturing Strategy

Ahlem Zayati, Lilia Sidhom, Youakim Badr, Frédérique Biennier (FRANCE) and Mohamed Moalla (TUNISIE)

Session H3: Performance and Value - II

Chair: *Ian Wilson*

Managing Performance to Align the Participants of Collaborative Networks: Case Studies Results

Roberto da Piedade Francisco, Américo Azevedo and João Bastos (PORTUGAL)

Collaborative Assessment of potential Value Generation in Development Projects

Ingo Westphal, Jens Eschenbächer, and Donatella Vedovato (GERMANY)

A Collaborative Decision Support Method to Design Performance Evaluation Systems in CNOs

Rui Pinto Ferreira and António Lucas Soares (PORTUGAL)

12:30 Lunch

IFIP WG 5.5 COVE Working Lunch (Members only)

14:00 Parallel Sessions I

Session I1: Networking Structures

Chair: *Ricardo Rabelo*

Implementing Self-Organising Virtual Enterprises Using Social Behaviour Nets

Ping Jiang (UK), Quentin Mair (UK) and Mingwei Yuan (CHINA)

Network Structures in the International Clothing Industry

B. L. MacCarthy and P. G. S. A. Jayarathne (UK)

Discerning Industrial Networks, Clusters and Competences – an Alternative View using Web Mining Techniques

John R Williams (UK) and Dimitris Assimakopoulos (FRANCE)

Session I2: Virtual Communities and Teams

Chair: *Ingo Westphal*

Knowledge Representation in Virtual Teams: a Perspective Approach for Synthetic Worlds

Giacomo Fiumara, Dario Maggiorini, Alessandro Provetti, and Laura A. Ripamonti (ITALY)

Eigenvector Centrality Based on Shared Research Topics in a Scientific Community

Antonio P. Volpentesta and Alberto M. Felicetti (ITALY)

Security Awareness in Virtual Communities: The Case of Non-collocated Academic Research Collaborations

Adam Mark and Yacine Rezgui (UK)

Session I3: Game Theory for CN

Chairs: *Sophie Peillon, Christophe Bravard*

An Educational Game in Collaborative Logistics

Sophie D'Amours (CANADA) and Mikael Rönnqvist (NORWAY)

Extending Networks of Collaboration to Multi-market Oligopolies

Pascal Billand, Christophe Bravard, Subhadip Chakrabarti and Sudipta Sarangi (FRANCE)

The Application of Incentive Mechanisms for the Participation of Enterprises in Collaborative Networks from an Economic Perspective

Hendrik Jähn (GERMANY)

15:30 Coffee break

16:00 Closing Session

16:30 SOCOLNET - General Assembly (members only)

ASSOCIATED EVENTS

WIVE Workshop

Web Intelligence & Virtual Enterprises

Tuesday, 12 October 2010

Chairs: Christo El Morr (CANADA), Pierre Maret (FRANCE), Laurent Vercoeur (FRANCE)

08:30 Academic session

“Virtual Communities usage and study”

- David Combe, Christine Largeron, Elod Egyed-Zsigmond and Mathias Gery. A comparative study of social network analysis tools

“Technical tools for Virtual Communities”

- Yann Krupa, Laurent Vercoeur and Jordi Sabater-Mir. Handling Privacy as Contextual Integrity in Virtual Communities
- Hilda Tellioglu. Coordination 2.0: Using web-based technologies for coordination support
- Florie Bugeaud and Eddie Soulier. Service System Modelling : a shared representation and a web-based tool for the collaboration of the telecoms’ innovators

“Ambient Intelligence”

- Timothé Faudot, Guillaume Lopez and Ichiro Yamada. Information System For Mapping Wearable Sensors Into Healthcare Services: Application To Dietary Habits Monitoring

10:30 Coffee break

11:00 WIVE Guest Speaker

- **Anind Dey , Carnegie Mellon University, “Context-Awareness in the Virtual and Real World”**

12:30 Lunch

14:00 Industrial session on R&D and prospective

- François Pouilloux (IXXO, France): Applied web intelligence from the cloud: opportunities & challenges
- Lionel Natarianni, Myriam Ribiere (Alcatel- Lucent, France): Next Generation of Spontaneous Social networks
- Masayuki Ihara, Minoru Kobayashi, Tomoki Watanabe and Masanobu Abe (NTT Cyber Solutions Laboratories, NTT Corporation, Japan): Building an activity model in a cyber world through analyzing life-log utilization among online communities
- Florie Bugeaud (Orange labs): A panorama of the e-health services to illustrate the telecoms innovation
- Johann Stan (Alcatel-Lucent Bell Labs , France): Towards a Socially-Enhanced Web Navigation Experience

**Special Panel Session:
Towards the Next Generation Collaborative Networked Organizations:
International Challenges, Trends and Research Opportunities**

Wednesday, 13 October 2010

Organizers: *David Romero (MEXICO), Arturo Molina (MEXICO), Ricardo Rabelo (BRAZIL), Fabiano Baldo (BRAZIL), Luca Cagnazzo (ITALY)*

SOCOLNET Special Interest Group on Collaborative Networked Organizations Case Studies

This year, for second time, as part of the PRO-VE 2010 Conference, a special session is organized with the aim of sharing true management experiences and lessons learned from a group of practitioners for the establishment and management of the Next Generation Collaborative Networked Organizations.

Furthermore, as a result of an interactive communication between the audience and the panelists, both will develop a better understanding on the current issues on creating and managing collaborative networks in different domains and applications environments, and together will start crafting potential solutions to face these challenges based on all the participants' knowledge and experience.

09:00 Welcome to the Special Panel Session by the Organizing Committee

09:10 Presentation 1: AEROSPACE Network [Manufacturing]

David Romero / Arturo Molina (MEXICO)

09:35 Presentation 2: JOINVILLE Network [Manufacturing – in creation]

Fabiano Baldo / Ricardo Rabelo (BRAZIL)

10:05 Presentation 3: SADECAL Network [Agribusiness]

Salvatore Ammirato / Antonio Volpentesta (ITALY)

10:30 Coffee break

11:00 Presentation 4: GPT Group Network [Logistics]

Lorenzo Tiacci / Luca Cagnazzo (ITALY)

11:25 Presentation 5: Mecaloire [Manufacturing]

Marie Reine Boudarel (FRANCE)

11:50 Live Discussion between Panelists and Attendants

12:15 Conclusions

12:30 Lunch