

# PROGRAM

**MONDAY . 10 Sep 2007**

**08:30 REGISTRATION**

**09:00 OPENING SESSION**

**09:30 OPENING EVENT**

*Chair: Hamideh Afsarmanesh*

ATHENA – ACHIEVEMENTS IN INTER-ENTERPRISE INTEROPERABILITY

*Rainer Ruggaber, SAP (Germany)*

ECOLEAD – ACHIEVEMENTS IN COLLABORATIVE NETWORKED ORGANIZATIONS

*Luis M. Camarinha-Matos, New University of Lisbon / Uninova (PORTUGAL)*

THE INTELLIGENT MANUFACTURING SYSTEMS INITIATIVE

*Erastos Filos, European Commission (BELGIUM)*

**12:30 Lunch**

**14:00 Parallel sessions**

**A1. VO CREATION**

*Chair: Ron Waxman*

A COMPUTER-ASSISTED VO CREATION FRAMEWORK

*Luis M. Camarinha-Matos, Ana I. Oliveira (PORTUGAL)*

*Roberto Ratti (ITALY)*

*Damjan Demšar (SLOVENIA)*

*Fabiano Baldo (BRAZIL)*

*Toni Jarimo (FINLAND)*

COLLABORATION OPPORTUNITY FINDER

*Damjan Demšar, Igor Mozetič, Nada Lavrač (SLOVENIA)*

AN ONTOLOGY-BASED APPROACH FOR SELECTING PERFORMANCE INDICATORS FOR PARTNERS SUGGESTION

*Fabiano Baldo, Ricardo J. Rabelo, Rolando V. Vallejos (BRAZIL)*

MULTIPLE CRITERIA PARTNER SELECTION IN VIRTUAL ENTERPRISES

*José A. Crispim, Jorge Pinho de Sousa (PORTUGAL)*

**A2. INTEROPERABILITY IN NETWORKS**

*Chair: Martin Ollus*

TOWARDS SEAMLESS INTEROPERABILITY IN COLLABORATIVE NETWORKS

*Claudia-M. Chituc, César Toscano, Américo L. Azevedo (PORTUGAL)*

BARRIERS DRIVEN METHODOLOGY FOR ENTERPRISE INTEROPERABILITY

*David Chen, Nicolas Daclin (FRANCE)*

AMBIENT INTELLIGENCE AND SIMULATION IN HEALTH CARE VIRTUAL SCENARIOS

*António Abelha, Cesar Analide, José Machado, José Neves, Manuel Santos, Paulo Novais (PORTUGAL)*

COLLABORATION WITHIN THE TOOL-AND-DIE MANUFACTURING INDUSTRY THROUGH OPEN-SOURCE MODULAR ERP/CRM SYSTEMS

*Ali Imtiaz, Jannicke B. Hauge, Si Chen (GERMANY)*

**16:00 Coffee break**

## 16:30 Parallel sessions

### B1. PERFORMANCE AND VALUE SYSTEMS

Chair: Michel Pouly

MEASURING COLLABORATION PERFORMANCE IN VIRTUAL ORGANIZATIONS

*Ingo Westphal, Klaus-Dieter Thoben, Marcus Seifert (GERMANY)*

A CONCEPTUAL MODEL FOR VIRTUAL BREEDING ENVIRONMENTS VALUE SYSTEMS

*David Romero, Nathalie Galeano, Arturo Molina (MEXICO)*

TOWARDS A CONCEPTUAL MODEL OF VALUE SYSTEMS IN COLLABORATIVE NETWORKS

*Luís M. Camarinha-Matos, Patrícia Macedo (PORTUGAL)*

### B2. SOCIAL NETWORK ANALYSIS

Chair: Dimitris Assimakopoulos

SOCIAL NETWORK ANALYSIS OF TEAM DYNAMICS AND INTRA-ORGANIZATIONAL DEVELOPMENT IN AN AEROSPACE FIRM

*Kristie Ogilvie, Dimitris Assimakopoulos (FRANCE)*

THE TACIT DIMENSIONS OF COLLABORATIVE NETWORK TRAFFIC

*Stephen Doak (IRELAND)*

*Dimitris Assimakopoulos (FRANCE)*

COLLABORATIVE SERVICES TO MAINTAIN ELECTRONIC BUSINESS RELATIONSHIPS

*Peter Weiß, Stefan Klink (GERMANY)*

## 18:30 Welcome reception

**TUESDAY . 11 Sep 2007**

## 09:00 Parallel sessions

### C1. EVALUATION AND MANAGEMENT OF CSN -1

Chairs: Xavier Boucher, Dario Antonelli

ENGINEERING METHODOLOGY FOR ORGANISATION NETWORKS

*X.Boucher, Ali Zaidat, L.Vincent (FRANCE)*

A PROCEDURE FOR THE ANALYSIS OF INDUSTRIAL NETWORKS

*Dario Antonelli, Brunella Caroleo, Teresa Taurino (ITALY)*

THE EVALUATION OF COORDINATION POLICIES IN LOGISTICS SERVICES MARKETS

*Vito Albino, Rosa M. Dangelico, Antonio M. Petruzzelli (ITALY)*

### C2. PROFESSIONAL VIRTUAL COMMUNITIES

Chair: Peter Weiss

SUPPORT FOR POWER IN ADAPTATION OF SOCIAL PROTOCOLS FOR PROFESSIONAL VIRTUAL COMMUNITIES

*Willy Picard (POLAND)*

UNDERSTANDING USERS' RESPONSE TO ONTOLOGY BASED SYSTEMS IN THE CONTEXT OF AN ENTERPRISE SPONSORED VIRTUAL COMMUNITY

*Carla Pereira, Manuel Silva, Joana Fernandes, António Lucas Soares (PORTUGAL)*

CONTINUOUS MANAGEMENT OF PROFESSIONAL VIRTUAL COMMUNITY INHERITANCE BASED ON THE ADAPTATION OF SOCIAL PROTOCOLS

*Willy Picard (POLAND)*

### **C3. CUSTOMER INVOLVEMENT IN NETWORKS**

*Chair: Iris Karvonen*

VIRTUAL CUSTOMER COMMUNITIES: AN INNOVATIVE CASE FROM THE MEDIA INDUSTRY

*Miia Kosonen, Hanna-K. Ellonen (FINLAND)*

THE IMPACT OF CUSTOMER PARTICIPATION ON BUSINESS ECOSYSTEMS

*Garyfallos Fragidis, Adamantios Koumpis, Konstantinos Tarabanis (GREECE)*

SUPPORTING COLLABORATIVE WORK THROUGH WIRELESS TECHNOLOGIES SUPPORT IN PATIENT

CENTRIC VIRTUAL ORGANIZATIONS (PCVOs)

*Mohyuddin, W.A. Gray, Hazel Bailey, Dave Morrey (UK)*

### **10:30 Coffee break**

### **11:00 Parallel sessions**

#### **D1. EVALUATION AND MANAGEMENT OF CSN -2**

*Chairs: XavierBoucher, Dario Antonelli*

BUSINESS MODELS FOR COLLABORATIVE PLANNING IN TRANSPORTATION: AN APPLICATION TO WOOD PRODUCTS

*Jean-François Audy, Sophie D'Amours (CANADA)*

*M. Rönngvist (SWEDEN)*

PROVIDING TRANSPARENCY IN THE BUSINESS OF SOFTWARE: A MODELING TECHNIQUE FOR SOFTWARE SUPPLY NETWORKS

*Slinger Jansen, Sjaak Brinkkemper (NETHERLANDS)*

*Anthony Finkelstein (UK)*

SYNERGY-FOCUS TO DEVELOP COMPLEX ADAPTIVE SYSTEMS WITHIN COLLABORATIVE NETWORK ENVIRONMENT TO HEALTH PARADIGM <extra paper>

*Aurelian M. Stanescu, Ioana Mihu, Mihnea A. Moisescu, Monica Voinescu, Otilia Cangea, Corina Ieremicuic (ROMANIA)*

#### **D2. COLLABORATION NETWORK ANALYSIS**

*Chair: Antonio Volpentesta*

NETWORK ANALYSIS BY THE CODESNET APPROACH

*Dario Antonelli, Agostino Villa (ITALY)*

ASSESSMENT OF COLLABORATIVE NETWORKS STRUCTURAL STABILITY

*Vera Tolкачеva, Alexander Arkhipov (RUSSIA)*

*Dmitry Ivanov (GERMANY)*

A DECISION SUPPORT FRAMEWORK FOR COLLABORATIVE NETWORKS

*Ovidiu Noran (AUSTRALIA)*

#### **D3. PRODUCT-ORIENTED COLLABORATION**

*Chair: Americo Azevedo*

MAINTAINING DYNAMIC PRODUCT DESIGNS TO ENABLE EFFECTIVE CONSORTIUM BUILDING IN VIRTUAL BREEDING ENVIRONMENTS

*Marcus Seifert, Klaus-Dieter Thoben (GERMANY)*

DISTRIBUTED DESIGN OF PRODUCT ORIENTED MANUFACTURING SYSTEMS

*Silvio do Carmo-Silva, Anabela C. Alves, P. Novais, Miguel Costa, C. Carvalho, Jorge Costa, M. Marques (PORTUGAL)*

VIRTUAL ORGANISATION IN CROSS DOMAIN ENGINEERING

*Alexander Mahl, Anatoli Semenenko, Jivka Ovcharova (GERMANY)*

### **12:30 Lunch**

## 14:00 Parallel sessions

### E1. VO BREEDING ENVIRONMENT ENABLERS

Chair: *Lai Xu*

TOWARDS GOVERNANCE RULES AND BYLAWS FOR VIRTUAL BREEDING ENVIRONMENTS

*David Romero, Jorge Giraldo, Nathalie Galeano, Arturo Molina (MEXICO)*

ENABLING VIRTUAL ORGANIZATIONS IN A TECHNOLOGICAL DISTRICT

*Antonio P. Volpentesta, Salvatore Ammirato (ITALY)*

IN SEARCH FOR AN INNOVATIVE BUSINESS MODEL OR HOW TO BE SUCCESSFUL IN THE NOWADAYS BUSINESS ENVIRONMENT

*Brane Semolic (SLOVENIA)*

THE ROLE OF UNIVERSITIES DEVELOPING NEW COLLABORATIVE ENVIRONMENTS; ANALYSING THE VIRTUELLE FABRIK, SWISS MICROTECH AND THE TENET GROUP

*Myrna. Flores, Claudio Boer, Charles Huber, Adrian Plüss, Roger Schoch, Michel Pouly (SWITZERLAND)*

### E2. ARCHITECTURES FOR COLLABORATION

Chair: *Angel Ortiz, Dario Franco*

A GENERIC STRATEGIC LAYER FOR COLLABORATIVE NETWORKS

*João Certo, Nuno Lau, Luís P. Reis (PORTUGAL)*

A PRIVACY-BASED BROKERING ARCHITECTURE FOR COLLABORATION IN VIRTUAL ENVIRONMENTS

*AbdulMutalib Masaud-Wahaishi, Hamada Ghenniwa, Weiming Shen (CANADA)*

VIRTUAL POWER PRODUCERS INTEGRATION INTO MASCEM

*Isabel Praça, Hugo Morais, Marílio Cardoso, Carlos Ramos, Zita Vale (PORTUGAL)*

AGENT-BASED ARCHITECTURE FOR VIRTUAL ENTERPRISES TO SUPPORT AGILITY

*Heli Helaakoski, Päivi Iskanius, Irina Peltomaa (FINLAND)*

### WS1 – Cooperative Intelligent Transportation Systems

Organizer: *A. Luís Osório - ISEL*

Chair: *Ana Paula Vitorino – Portuguese Secretary of Transports (\*)*

COOPERATIVE ITS: A MOULDING INDUSTRY PERSPECTIVE

*Joaquim Menezes – IBEROMOLDES; CENTIMFE*

PAN-EUROPEAN COOPERATIVE TOLLING SYSTEM: A MULTI-TECHNOLOGY APPROACH

*Johannes Springer; Alain Estiot – Toll Collect GmbH*

COOPERATIVE NETWORKED INNOVATION ON ITS

*João Bento; Sales Gomes; Rui Camolino – Brisa SA*

COOPERATIVE VEHICLE INFRASTRUCTURE SYSTEMS (CVIS)

*Knut Evensen – Q-Free ASA*

GLOBAL VALUE CHAINS – ICT AS COMPETITIVE ADVANTAGE

*João Quaresma Dias – ISEL; João Calado – IDMEC/ISEL*

COOPERATIVE SYSTEMS IN THE EU RESEARCH FRAMEWORK PROGRAMMES

*Francisco Ferreira – EC DG INFSO*

DISCUSSION

*(\*) To be confirmed*

## 16:00 Coffee break

## 16:30 Parallel sessions

### F1. ELEMENTS OF BREEDING ENVIRONMENTS MANAGEMENT

Chair: *Nathalie Galeano*

ONTOLOGY ENGINEERING IN VIRTUAL BREEDING ENVIRONMENTS

*Dora Simões, Hugo Ferreira, António Lucas Soares (PORTUGAL)*

CAUSAL CROSS-IMPACT ANALYSIS AS STRATEGIC PLANNING AID FOR VIRTUAL ORGANISATION BREEDING ENVIRONMENTS

*Heiko Duin (GERMANY)*

ASSESSING THE VALUE OF MEDIATORS IN COLLABORATIVE BUSINESS NETWORKS

*Benjamin Rensmann, Hans Weigand, Zheng Zhao, Virginia Dignum, Frank Dignum, Marcel Hiel (NETHERLANDS)*

## **F2. e-CONTRACTING IN COLLABORATIVE NETWORK SCENARIOS**

*Chairs: Francisco Andrade, José Neves*

FUNDAMENTALS OF VIRTUAL ORGANIZATION E-CONTRACTING

*Lai Xu, Paul de Vrieze (AUSTRALIA)*

INTELLIGENT CONTRACTING: SOFTWARE AGENTS, CORPORATE BODIES AND VIRTUAL ORGANIZATIONS

*Francisco Andrade, Paulo Novais, José Machado, José Neves (PORTUGAL)*

AGENT-BASED CONTRACTING IN VIRTUAL ENTERPRISES

*Claudia Cevenini, Giuseppe Contissa, Migle Laukyte (ITALY)*

A LAWFUL FRAMEWORK FOR DISTRIBUTED ELECTRONIC MARKETS

*Michael Conrad, Christian Funk, Oliver Raabe, Oliver Waldhorst (GERMANY)*

## **F3. BUSINESS BENEFITS IN NETWORKS**

*Chair: Ingo Westphal*

DISTRIBUTION OF NETWORK GENERATED PROFIT BY CONSIDERING INDIVIDUAL PROFIT EXPECTATIONS

*Hendrik Jähn, Marco Fischer, Tobias Teich (GERMANY)*

AN ESTIMATION MODEL FOR BUSINESS BENEFITS IN HORIZONTAL COLLABORATIVE NETWORKS

*Grégory Piot, Michel Pouly, Naoufel Cheikhrouhou, Rémy Glardon (SWITZERLAND)*

EXAMINING THE ANTECEDENTS TO INNOVATION IN ELECTRONIC NETWORKS OF PRACTICE

*Eoin Whelan, Brian Donnellan, Gabriel Costello (IRELAND)*

## **18:30 Guided visit to the historic center of Guimarães**

## **20:30 Conference diner**

## **WEDNESDAY . 12 Sep 2007**

## **09:00 Parallel sessions**

### **G1. LEARNING AND INHERITANCE IN VO**

*Chair: Myrna Flores*

TOWARDS LEARNING COLLABORATIVE NETWORKED ORGANIZATIONS

*Leandro Loss, Alexandra A. Pereira-Klen, Ricardo J. Rabelo (BRAZIL)*

IDENTIFICATION OF FORMS AND COMPONENTS OF VO INHERITANCE

*Iris Karvonen, Iiro Salkari, Martin Ollus (FINLAND)*

ESTABLISHING AND KEEPING INTER-ORGANISATIONAL COLLABORATION. SOME LESSONS LEARNED

*Raúl Rodríguez, Pedro Gómez, Rubén Darío Franco, Angel Ortiz (SPAIN)*

### **G2. MODELLING FRAMEWORKS FOR COLLABORATIVE NETWORKS**

*Chair: Ovidiu Noran*

TOWARDS AN ARCHITECTURE MODELING LANGUAGE FOR NETWORKED ORGANIZATIONS

*Duk-H. Kim (KOREA)*

EVOLVING VIRTUE

*Alessandro D'Atri (ITALY)*

*Amihai Motro (USA)*

BUSINESS MODELLING FOR KNOWLEDGE NETWORKS

*André Quadts, Heiko Dirlenbach (GERMANY)*

## **WS2 - Visualising Dynamic Virtual Organisations**

*Chair: R. Wilson, R. Smith, M. Martin, B. Li, A. Wright*

### INTRODUCTION

*R. Wilson*

### VISUALISING VIRTUAL ORGANISATIONS

*M. Martin*

### PRACTICAL EXAMPLES OF VO VISUALIZATION

*R. Smith*

### A FORMAL APPROACH TO DEPENDABLE EVOLUTION OF ACCESS CONTROL POLICIES IN DYNAMIC COLLABORATIONS

*Jeremy Bryans, John Fitzgerald*

### APPLICATION OF VIRTUALIZATION CONCEPTS TO DEVELOP THE COLLABORATIVE ISP ENTERPRISE

*S. Rao, S. Malhotra, S. Khavtasi*

### DISCUSSION

## **10:30 Coffee break**

## **11:00 Parallel sessions**

### **H1. TRUST ASPECTS IN COLLABORATION**

*Chair: Alexandra Klen*

#### TOWARDS ESTABLISHING TRUST RELATIONSHIPS AMONG ORGANIZATIONS IN VBEs

*Simon S. Msanjila, Hamideh Afsarmanesh (NETHERLANDS)*

#### FOSTERING R&D COLLABORATION – THE INTERPLAY OF TRUST, APPROPRIABILITY AND ABSORPTIVE CAPACITY

*Pia Hurmelinna-Laukkanen, Kirsimarja Blomqvist (FINLAND)*

#### TRUST BUILDING IN COLLABORATIVE NETWORKED ORGANIZATIONS SUPPORTED BY COMMUNITIES OF PRACTICE

*Leandro Loss, Claudio H. Schons, Rosane M. Neves, Iliane L. Delavy, I. S. Chudzikiewicz, Ana M. C. Vogt (BRAZIL)*

### **H2. COLLABORATIVE PROCESS MODELS**

*Chair: Willy Picard*

#### A CARTOGRAPHY BASED METHODOLOGY FOR COLLABORATIVE PROCESS DEFINITION

*Vatcharaphun. Rajsiri, Jean-Pierre Lorré, Frédérick Bénaben, Hervé Pingaud (FRANCE)*

#### INTERACTIVE USER-CENTERED BUSINESS PROCESS MANAGEMENT SERVICES

*Roberto Ratti, Sergio Gusmeroli (ITALY)*

#### WORKFLOW TECHNOLOGY SUPPORTING THE OPERATION OF VIRTUAL ISPs

*Klaus-Peter Eckert, Jane Hall (GERMANY)*

*Henri-Jean Pollet (BELGIUM)*

## **12:30 Lunch**

## **14:00 Parallel sessions**

### **II. COLLABORATION ENVIRONMENTS CASES**

*Chair: Silvio Carmo Silva*

#### SUPPORTING MOBILE VIRTUAL TEAM'S COORDINATION WITH SOA-BASED ACTIVE ENTITIES

*Ruben Dario Franco, Rosa Navarro (SPAIN)*

*Andrés Neyem, Sergio Ochoa (CHILE)*

#### COLLABORATIVE ENVIRONMENTS WORK: A CASE STUDY OF TEACHER TRAINING

*Manuel Meirinhos, António Osório (PORTUGAL)*

#### A KNOWLEDGE SEARCH FRAMEWORK FOR COLLABORATIVE NETWORKS

*Rui J. Tramontin Jr., Ricardo J. Rabelo (BRAZIL)*

## **12. PROCESS INTEGRATION AND MANAGEMENT**

*Chair: Ricardo Rabelo*

INTRODUCING A COLLABORATIVE BUSINESS MODEL FOR EUROPEAN ERP VALUE CHAINS OF SMEs

*Ioannis Ignatiadis, Jonathan Briggs (UK)*

*Adomas Svirskas (LITHUANIA)*

*Kostas Bougiouklis, Adamantios Koumpis (GREECE)*

INTEGRATED CONSTRUCTION PROJECT MANAGEMENT SYSTEM BASED ON IFC AND ISO9001:2000

*K. U. Gökçe, Raimar J. Scherer (GERMANY)*

*H. A. Dikbaş (TURKEY)*

ENHANCING ENTERPRISE COLLABORATION BY USING MULTIFACETED SERVICES

*Sodki Chaari, Chokri B. Amar (TUNISIA)*

*Sodki Chaari, Loubna Ali, Frédérique Biennier, Joël Favrel (FRANCE)*

### **15:30 Coffee break**

### **16:00 Parallel sessions**

## **J1. ADAPTIVE COLLABORATIVE FRAMEWORKS**

*Chair: Ana Almeida*

COLLABORATION AND ADAPTATION IN SCHEDULING

*Ana Almeida, Goreti Marreiros, Constantino Martins (PORTUGAL)*

VIRTUAL ORGANIZATIONS FOR MUNICIPALITIES

*Małgorzata Pankowska (POLAND)*

A SERVICE INFRASTRUCTURE TO SUPPORT UBIQUITOUS ENGINEERING PRACTICES

*Yacine Rezgui, Benachir Medjdoub (UK)*

## **J2. WEB SERVICES AND FUSION**

*Chair: Iraklis Paraskakis*

APPLICATION OF THE FUSION APPROACH FOR ASSISTED COMPOSITION OF WEB SERVICES

*Spiros Alexakis, Markus Bauer, Albina Pace, Alexa Schumacher, Andreas Friesen (GERMANY)*

*Athanasios Bouras, Dimitrios Kourtesis (GREECE)*

SEMANTIC INTEGRATION OF BUSINESS APPLICATIONS ACROSS COLLABORATIVE VALUE NETWORKS

*Athanasios Bouras, Panagiotis Gouvas, Dimitrios Kourtesis, Gregoris Mentzas (GREECE)*

WEB SERVICE DISCOVERY IN A SEMANTICALLY EXTENDED UDDI REGISTRY: THE CASE OF FUSION

*Dimitrios Kourtesis, Iraklis Paraskakis, Panagiotis Gouvas, Athanasios Bouras (GREECE)*

*Andreas Friesen (GERMANY)*

### **17:30 Closing session**

### **18:00 SOCOLNET GENERAL ASSEMBLY**

(only for members)

## PLENARY TALKS

### **ATHENA – ACHIEVEMENTS IN INTER-ENTERPRISE INTEROPERABILITY**

*Rainer Ruggaber  
SAP (Germany)*

ATHENA – Advanced Technologies for interoperability of Heterogeneous Enterprise Networks and their Applications - is a 3-year (2004-2007) Integrated Project sponsored by the European Commission in support of the Strategic Objective “Networked businesses and government” of the 6<sup>th</sup> Framework Programme. Building upon an ambitious Vision Statement “By 2010, enterprises will be able to seamlessly interoperate with others”, ATHENA aimed at making a major contribution to interoperability by identifying and meeting a set of inter-related business, scientific & technical, and strategic objectives.

ATHENA is committed to creating a long term impact for advancing interoperability which is mainstream, inclusive and has critical mass. To this end, ATHENA initiated an open, neutral and independent Enterprise Interoperability Centre (EIC) to which all stakeholders, in both private and public sectors, are invited to participate.

This talk will summarize the main technical and scientific achievements of the project.

### **ECOLEAD – ACHIEVEMENTS IN COLLABORATIVE NETWORKED ORGANIZATIONS**

*Luís M. Camarinha-Matos  
New University of Lisbon / Uninova (PORTUGAL)*

ECOLEAD is a 4-year (2004-2008) Integrated Project of the 6<sup>th</sup> Framework Programme, involving 27 industrial and academic organizations from 15 countries in Europe and Latin America. This project’s vision is that in ten years, in response to fast changing market conditions, most enterprises and specially the SMEs will be part of some sustainable collaborative networks that will act as breeding environments for the formation of dynamic virtual organizations. The fundamental assumption in this project is that a substantial increase in materializing networked collaborative business ecosystems requires a comprehensive holistic approach. Therefore the project addresses three most fundamental and inter-related focus areas - constituting pillars - as the basis for dynamic and sustainable networked organizations including: VO Breeding Environments (VBE), Dynamic Virtual Organizations, and Professional Virtual Communities (PVC) and Virtual Teams.

This talk will summarize the main technical and scientific achievements of the project.

### **THE INTELLIGENT MANUFACTURING SYSTEMS INITIATIVE Lessons Learned and Future Perspective.**

*Erastos Filos, European IMS Secretariat  
Information Society and Media Directorate-General, European Commission, Brussels*

In its first 10 years of existence, the Intelligent Manufacturing Systems (IMS) initiative - the world’s only international multilateral collaborative R&D programme – involved research groups from Australia, Canada, the EU and Norway, Japan, Korea, Switzerland and the US. Most participant regions have signed up for the next 10 years. The scheme provides a global framework for industry and academia to co-operate on manufacturing R&D throughout the full innovation cycle and to identify partners world-wide. The programme’s scheme for the protection of intellectual property has proven to be beneficial to industrial participants, particularly for small and medium-sized companies, for engaging safely in global collaborations.

Surveys among participants in IMS projects show that such international collaboration proves beneficial beyond the mere R&D activity as it includes knowledge exchanges on business and market developments as well as extended business collaborations and better cross-cultural understanding. The European part of the IMS initiative between 1995 and 2005 was managed under the European Commission’s research Framework Programmes 4, 5 and 6. Since the beginning of IMS, 37 R&D projects have been launched, most of them with European participation. These projects involve more than one thousand companies and research institutions world-wide and represent an international commitment level of around € 400 million (with € 100 million being European by the European Commission’s research Framework Programmes).

The presentation aims to describe the institutional and managerial mechanisms of this globally unique programme, to present a first assessment of the programme’s impact in its first phase as well as its future scope.



# SCHEDULE

Monday – 10 Sep 07	
8.30	Registration
9.00	Opening session
9.30	Opening event
10.30	
11.00	
12.30	
12.30	Lunch break
14.00	A1 VO creation
	A2 Interoperability in Networks
16.00	Coffee break
16.30	B1 Performance & value systems
	B2 Social Networks Analysis
18.00	
18.30	Welcome Reception

Tuesday – 11 Sep 07			
9.00	C1 Evaluation & management of CSN -1	C2 Professional Virtual Communities	C3 Customer involvement in Networks
10.30	Coffee break		
11.00	D1 Evaluation & management of CSN -1	D2 Collaboration Network Analysis	D3 Product Oriented Collaboration
12.30	Lunch break		
14.00	E1 VO Breeding Environment Enablers	E2 Architectures for Collaboration	WS1 Cooperative Intelligent Transport Systems
16.00	Coffee break		
16.30	F1 Elements of BE Management	F2 e-Contracting in Collaborative Network Scenarios	F3 Business benefits in Networks
18.30	Visit to the historic center of Guimaraes		
20.30	Conference dinner		

Wednesday – 12 Sep 07			
9.00	G1 Learning & inheritance in VO	G2 Modeling frameworks for CN	WS2 Visualizing Dynamic Virtual Organisations
10.30	Coffee break		
11.00	H1 Trust Aspects in Collaboration	H2 Collaborative Process Models	Visualizing Dynamic Virtual Organisations
12.30	Lunch break		
14.00	I1 Collaborative Environment Cases	I2 Process Integration & Management	Associated Activities
15.30	Coffee break		
16.00	J1 Adaptive Collaborative Frameworks	J2 Web services (FUSION)	Associated Activities
17.30	Closing session		
18.00	Coffee break		
18.30	SOCOLNET General Assembly (members only)		
20.00			