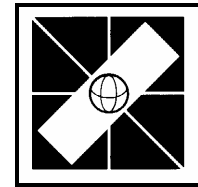




CALL FOR PAPERS

PRO-VE'04

5th IFIP Working Conference on VIRTUAL ENTERPRISES



IFIP WG 5.5

Toulouse, FRANCE
23-26 August 2004

SCOPE

Collaborative Networked Organizations (CNO) correspond to a very active and steadily growing area. For instance, Virtual enterprises / virtual organizations (VE/VO) are already supported by a large research and business practice community. Also, Professional Virtual Communities (PVC) suggest new ways of work and put the emphasis on collaborative networks of human actors. Further to these main lines, other collaborative forms and patterns of collaborative behavior are emerging, not only in industry, but also in service sector, as well as governmental and non-government social organizations, e.g. the collaborative networks for rescue tasks in disaster situations, time bank organization, etc

The concept of *breeding environment* is now understood as a fundamental entity to enable dynamic collaborative organizations.

Recent developments emphasize the need for better understanding and characterization of the basic principles and mechanisms for collaborative networks planning and operation. The main requirements include building a sounder foundation, namely in terms of proper theoretical principles and formal models capturing the concepts, entities, behavior, and operations of the CNOs, and technology-independent infrastructure architectures. More holistic approaches are urgently needed.

However, while the aims are becoming clearer, there is still a lot that remains to be understood and commonly agreed regarding the concept of *virtualization* in all its facets, calling for multi-faceted reference models. In other words, although the potential advantages of the Virtual Organizations are well known at the conceptual level, their practical implantation is still far from the expectations. In fact, in spite of the growing awareness of the potential benefits of collaborative networks, a number of important barriers or inhibitors can be mentioned, e.g. lack of common reference models, lack of effective interoperability mechanisms and approaches, lack of supporting infrastructures that still require detailed characterization, heavy design and engineering efforts, being difficult to choose among many offered market technologies and tools with too short life cycles, etc.

Furthermore, there are major cultural and legal obstacles, a lack of decisive leadership on the industry sectors, and still too little done on the common practices, ethical principles, and the enhancement / enforcement mechanisms that could help *trust building* among organizations.

In this context PRO-VE has already established its recognized position as the most focused scientific / technical conference in the area, offering a major opportunity for the presentation and discussion of both the latest research developments and industrial practice case studies. Following the IFIP vision, PRO-VE offers a forum for collaboration among different regions of the world.

This conference continues a series of successful conferences of PRO-VE'99 (held in Porto, Portugal), PRO-VE 2000 (held in Florianópolis, Brazil), PRO-VE'02 (held in Sesimbra, Portugal), and PRO-VE'03 (held in Lugano, Switzerland).

TOPICS

- Dynamic Virtual Organizations
- Interoperability in CNO
- Business ecosystems and emerging collaboration forms
- Reference models and modelling approaches
- Breeding environments and brokerage
- Management of distributed activities and distributed information
- Knowledge management in CNO
- Ontologies in CNO
- Contracts management in CNO
- Legal frameworks and negotiation
- Professional Virtual Communities
- Reference models for CNO
- Mobility and Virtual Enterprises
- New value systems and performance measurement; benchmarking
- E-Services and service markets
- New technological support for CNO: MAS, Grid, mobile / pervasive computing
- Open source approaches
- Formal models and theories for CNO
- E-Science and Virtual Laboratories
- Trust building processes

- Business models
- Innovation and risk management
- Ambient intelligence
- Case studies: Manufacturing, Construction, Health Care, Pharmaceutical industry, Biotechnology, Tourism, Services, NGOs, etc.
- Training and education on CNO

The conference will include technical papers and discussion panels. Proposals for organizing associated events, namely by project consortia focused on the area of Collaborative Networked Organizations are welcome.

DEADLINES

- Abstracts submission: 5 Jan 04
- Full paper submission: 31 Jan 04
- Acceptance notice: 31 Mar 04
- Camera ready submission: 25 April 04

Acceptance of papers is based on the **full paper** (up to **8** pages). Each paper will be evaluated by three members of the International Program Committee. However, prospective authors should submit a *short abstract* in advance, in order to check if the proposed topic fits within the conference scope.



CALL FOR PAPERS

PRO-VE'04

5TH IFIP WORKING CONFERENCE ON VIRTUAL ENTERPRISES

Toulouse, France
23-26 August 2004

www.pro-ve.org

PROCEEDINGS

Accepted papers will be included in the Proceedings to be published as a book by Kluwer Academic Publishers.

ADDRESS FOR PAPER SUBMISSION

Prof. Luis M. Camarinha-Matos
New University of Lisbon
Quinta da Torre -2829-516 Caparica – Portugal
Tel. +351-212948517 Fax +351-212941253
Email: cam@uninova.pt or lcm@fct.unl.pt

PROGRAM COMMITTEE

Hamideh Afsarmanesh (NL)
Dimitris Assimakopoulos (FR)
Américo Azevedo (PT)
Joel Bacquet (EU)
Eoin Banahan (UK)
Ulrich Berger (DE)
Peter Bernus (AU)
Umit S Bititci (UK)
Luis M. Camarinha-Matos (P) [Chairman]
Guy Doumeingts (FR)
Jens Eschenbaecher (DE)
Steve Evans (UK)
João Pinto Ferreira (PT)
Simon Field (CH)
Joaquim Filipe (PT)
Myrna Flores (CH)
Ted Goranson (US)
Tarek Hassan (UK)
Yigal Hoffner (CH)
Tomasz Janowski (PL)
Toshiya Kaihara (JP)
Alexandra Klen (BR)
Nada Lavrac (SI)
Hermann Loeh (DE)
Vladimir Marik (CZ)
José M. Mendonça (PT)
Arturo Molina (MX)
Thierry Nagellen (FR)
Laszlo Nemes (AU)
Eugénio Oliveira (PT)
Gus Olling (US)
Martin Ollus (FI)
Luis Osório (PT)
Sofia Pinto (PT)
Sílvio Pires (BR)
Adrian Pluess (CH)
Michel Pouly (CH)
Kenneth Preiss (IL)
Goran Putnik (PT)
Ricardo Rabelo (BR)
Alberto Sanna (IT)
Roberto Santoro (IT)
Hans Schaffers (NL)
Paul Schönsleben (CH)
Weiming Shen (CA)
António L. Soares (PT)
Jorge P. Sousa (PT)
Klaus-Dieter Thoben (DE)
Frank Wagner (DE)

TECHNICAL SPONSORS

- IFIP WG5.5 COVE
www.uninova.pt/~cove

ORGANIZERS

PRO-VE'04 is organized as part of the IFIP World Computer Congress.



<http://www.wcc2004.org>

The conference will take place at the Pierre Baudis Convention Center (Centre de Congrès Pierre Baudis), downtown Toulouse.

Toulouse Southern France

Welcome to southern France, where we invite you to discover some of the highlights of Toulouse and of many Southern other places.

In our region, nature can be beautiful and majestic, tormented or peaceful. The monuments, churches, abbeys, castles and palaces built by our ancestors to protect themselves or to pay tribute to their faith are in tune with natural beauty.

Toulouse, a rich and beautiful city, is famous for its **aeronautical and space achievements**, its university founded in 1229, its laboratories and research centres.

This city owes its name "**Ville Rose**" to the colour of the bricks covering the walls, which glitter under the blazing sun.

It combines a strong living spirit with a brilliant past and can unveil the gist of its beauties while jealously hiding less familiar treasures.

Toulouse is constantly building the future but is also a real heaven for the strolling passer-by who just wants to muse in a cloister or on a terrace outside a cafe or restaurant till very late at night. Toulouse also lives to the sound of rhythm and music, with a **subtle mix of Italian and Spanish influences**.

PC to be completed