



CALL FOR PAPERS

**PRO-VE'05**

**6th IFIP Working Conference on  
VIRTUAL ENTERPRISES**



Valencia, SPAIN  
26 – 28 September 2005

WG 5.5

## SCOPE

### “Collaborative Networks and Value Creation”

Collaborative Networks (CN) 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-governmental 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. It is urgent to build a sounder foundation, namely in terms of proper theoretical principles and formal models capturing the concepts, entities, behavior, and operations of the CNs, and technology-independent infrastructure architectures. More holistic approaches are urgently needed.

Understanding and being able to measure the benefits of collaboration is a current challenge. New value systems and adequate performance assessment methods are needed in order to support value creation through collaborative networks.

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), PRO-VE'03 (held in Lugano, Switzerland), and PRO-VE'04 (held in Toulouse, France).

## TOPICS

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

- Ambient intelligence
- Case studies: Manufacturing, Construction, Health Care, Pharmaceutical industry, Bio-technology, Tourism, Services, NGOs, etc.
- Training and education on CN.

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

## DEADLINES

- Abstracts submission: 31 Jan 05
- Full paper submission: 28 Feb 05
- Acceptance notice: 30 Apr 05
- Camera ready submission: 25 May 05

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.

Proposal for special sessions are welcome.



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## PROCEEDINGS

Accepted papers will be included in the Proceedings to be published as a book by Springer.

## PROGRAM COMMITTEE

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*PC to be completed*

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