



SCOPE

# PRO-VE'11

12th IFIP Working Conference on Virtual Enterprises

São Paulo, BRAZIL, 17 - 19 October 2011



## Adaptation and Value Creating Collaborative Networks

Collaborative Networks emerged more than a decade ago, as a key issue for Economic growth and a very active area of scientific production. Dynamic collaborative organizations are an essential answer to the increasing need of strong adaptability to a constantly changing economic context. Several collaborative forms such as Virtual Organizations, Virtual Enterprises and other forms of Enterprise Networks, Professional Virtual Communities, or industry clusters and business ecosystems are now supported by large research and business practice communities. These new organizational forms put forth the development of a new theoretical background. In the recent years, many international projects have contributed to these scientific advances. The accumulated body of empiric knowledge and the size of the involved research community provide the basis for the foundation of what is now a well established **scientific discipline** on "Collaborative Networks". Such discipline is strongly multidisciplinary and thus PRO-VE Working Conference is designed to offer a major opportunity to mix contributions from Engineering, Economics, Managerial or Socio-Human communities.

**Value creation** is a major challenge for organizations in times of economic turbulence and rapid societal changes. Collaborative Networks represent a determinant inductor of value creation, not only for business communities, but also for all other entities in the society. Understanding and modelling the process, assessing, and developing methods and tools to support value creation in CNs is a major R&D challenge. The capability of generating value in a networked society requires high **self-adaptation capacity**, both from participating entities in order to adhere to a collaboration culture, as well as from the CN as a whole to dynamically adjust to the needs, constraints, and opportunities posed by a rapidly changing environment.

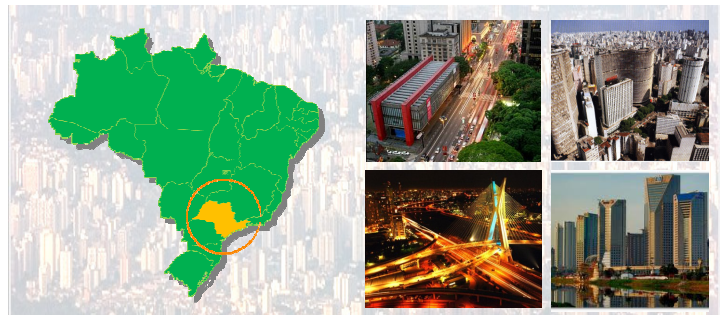
The main theme of PRO-VE'11 focuses thus on crucial aspects to empower **Collaborative Networks as a main actor of change** in society.

PRO-VE, as the most focused scientific / technical conference in the area, offers a major opportunity for the presentation and discussion of both latest research developments and industrial practice case studies. Following the IFIP international mission, the PRO-VE conference offers a forum for collaboration among different regions of the world. This conference continues a series of successful conferences of PRO-VE'99 (Porto, Portugal), PRO-VE 2000 (Florianópolis, Brazil), PRO-VE'02 (Sesimbra, Portugal), PRO-VE'03 (Lugano, Switzerland), PRO-VE'04 (Toulouse, France), PRO-VE'05 (Valencia, Spain), PRO-VE'06 (Helsinki, Finland), PRO-VE'07 (Guimarães, Portugal), PRO-VE'08 (Poznan, Poland), PRO-VE'09 (Thessaloniki, Greece), and PRO-VE'10 (St. Etienne, France).

## TOPICS

A plurality of scientific communities in Engineering, Economics, Managerial or Socio-Human sciences are encouraged to submit. Both theoretical works and sound case studies are expected. 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. Main topics are the following (but are not limited to):

- **Adaptation in Collaborative Networks**
  - Emergence and self-organizing systems
  - Cognitive issues and novel computing models
  - Collaboration and changing cultures
  - Meeting challenges of global collaboration / competition
  - Global and local networks
- **Value creation in Collaborative Networks**
  - Business models for collaboration & IPR
  - Economic aspects of collaboration
  - Value systems and performance measurement
  - Social capital modelling and measurement
  - Incentive models and revenue management
  - Competitive intelligence in networked environments
- **Behavioral issues and governance**
  - Typologies of collaborative behaviours
  - Trust modelling and management
  - Risk and uncertainty management
  - Serious games in CN
  - Change management
- **Assets management in Collaborative Networks**
  - Conceptual modelling of assets
  - Valuation of intangible assets
  - Co-development of assets
  - Uncertainty and dynamism of assets' knowledge
  - Knowledge discovery and searching in CNs
- **Collaborative social networks**
  - Social network analysis
  - Societal impacts of collaboration
  - Teams and collaboration
  - Socio-technical issues for sustainable networks
  - Professional virtual communities
- **Collaborative Networks Design**
  - Architectures and design of Collaborative Networks
  - Collaboration patterns and forms
  - New organizational models
  - Life cycle design and support
  - Stakeholders management
  - Maturity models for CNs
  - Novel ICT approaches and future Internet
- **Collaborative Product and Service Development**
  - Co-creation and co-innovation networks
  - Services science
  - Collaborative engineering platforms
  - Complex products life cycle management
  - Highly customized and service-enhanced products
  - "Glocal" enterprises
- **Applicative areas (open !)**
  - Eco-Industrial Parks
  - Healthcare collaborative systems
  - Active Ageing Networks
  - Ambient Assisted Living networks
  - Distributed manufacturing networks
  - Educational networks
  - Transportation and mobility support networks
  - Collaborative e-government
  - Agribusiness networks



Come to São Paulo to experience the spirit of PRO-VE !  
You will understand why Brazil is a great place to address the CN challenges!

## DEADLINES

|                             |             |
|-----------------------------|-------------|
| Short abstracts submission: | 5 Mar 2011  |
| Full papers submission:     | 2 Apr 2011  |
| Acceptance Notice:          | 21 May 2011 |
| Camera Ready Submission:    | 18 Jun 2011 |

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.

Proposals for **special sessions** and **workshops** are welcome.  
Proceedings to be published by **Springer**.  
Special issues of **journals** will be published with selected papers.

## TECHNICAL SPONSORS



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