



PRO-VE 2023

24rd IFIP/SOCOLNET Working Conference on Virtual Enterprises
Resilient and Responsible Collaborative Networks

PRO-VE 2023 Special Session

Governance in 4.0 and 5.0 Collaborative Networks in Digital Transformation

Scope

Inherent in the 4.0 and 5.0 transition are an organization's ability to collaborate, adapt and co-create value for its stakeholders. Leveraging collaborative networking capabilities allows organizations to cope with dynamic social, economic, environmental or technological challenges. However, inter-organisational collaboration between various, domain-specific actors involved in transformation 5.0 in an untrustworthy and risky environment requires an effective and transparent mechanism of governance. The main goal of its establishment is to provide the ability to manage relationships with all network stakeholders and co-create value within a collaborative network. Effective governance mechanisms and its structures provide a framework for building trust, communication with heterogeneous partners and dispersed teams. They are also the basis for the development of a resilient and responsible network. Integral to governance in the 4.0 and 5.0 transition are digital technologies and the perception of its potential through digital thinking (interconnection, integration, intelligent sharing of capabilities). It catalyses changes in communication, leadership, risk management, compliance, performance measurement of collaborative networks.

The main premise of organising this special session is to provide an open platform for the exchange of experiences and opinions on the topic of governance in collaborative networks in a 5.0 transition. This session aims to answer questions regarding the design of governance structures, the challenges of leadership and communication within networks and the impact of digital technologies on the functioning of governance mechanisms.

Session Organizers

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Topics/ Keywords

- Governance principles & mechanisms in resilient and responsible collaborative networks
- Models of governance in digital society and industry networks
- Inter-organizational processes architecture and management
- Critical success factors of collaborative networks governance
- Technology driven communication and leadership in collaborative networks
- Cultural barriers of collaboration in distributed networks
- Benefits & performance models and measurement

Submission procedure

Special sessions are included in the main Conference and follow the same reviewing process.

Short abstracts submission (100-150 words): March, 27th, 2023

Full papers submission: April, 24th, 2023

Acceptance Notice: June, 5th, 2023

Final version Submission: Jun 19th, 2023

Acceptance of papers is based on the **full paper** (up to 18 pages). Each paper will be evaluated by three members of the International Program Committee.

When submitting on the web site, you have to indicate the name of the special session. Submission procedure via Easychair available on: <http://www.pro-ve.org>, with copy by email to the chairs of the special session.