



## PRO-VE 2026

27th IFIP/SOCOLNET Working Conference on Virtual Enterprises  
Dynamics of Hybrid Collaborative Networks

### PRO-VE 2026 Special Session

#### Navigating the Socio-Technical Frontiers of Digital Ecosystems

##### Scope

Technologies such as AI, blockchain, and IoT are enhancing visibility and transparency across supply networks, enabling more adaptive responses to disruptions and accelerating the transition from supply chains to ecosystem-based models of value creation. Understanding the dynamics of these emerging ecosystems is critical to designing resilient and sustainable performance in rapidly evolving industry environments.

These ecosystems are inherently socio-technical, involving diverse actors such as workers, managers, suppliers, customers and citizens who collaborate across physical and digital spaces, through advanced technologies. Analyzing the interplay among these actors, particularly through digitally mediated coordination, raises significant scientific and managerial challenges. It calls for new frameworks capable of balancing technological innovation with human-centric values. In this context, mediating actors such as orchestrators, clusters, digital hubs, and matchmaking platforms play a fundamental role in shaping the structure and evolution of collaborative ecosystems. Addressing these challenges requires the development of innovative design approaches, adaptive governance mechanisms, and trust-based models capable of supporting the evolution of AI enabled systems and their broader socio-technical implications.

Ultimately, the goal is to align resilience, sustainability, and digitalization into a coherent strategic perspective, ensuring that the next generation of supply chains is both robustly adaptive and ethically grounded.

This session invites original contributions that explore the convergence of these themes and address the managerial, technological, and social challenges associated with the evolution of collaborative, AI-enabled ecosystems.

##### Session Organizers

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##### Topics/ Keywords

We are particularly interested in submissions covering, but not limited to, the following areas:

- The role of digital technologies in the Resilience-Sustainability Nexus;
- Ecosystems dynamics and related lifecycles management;
- Adaptive Governance frameworks for trust building in collaborative ecosystems;
- Scalability in human-AI collaboration for distributed ecosystem;
- Innovative design methods for socio-technical supply chains;
- AI integration for enhancing network resilience;
- Bridging societal challenges and technological innovation;
- The impact of AI systems on ethical, resilient and robust supply chain strategies.
- Responsible AI and algorithmic accountability in supply chains
- Human-centric AI and augmentation in supply network decision-making

##### Submission procedure

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

10 Apr 2026 - Abstract submission (optional)

8 May 2026 - Full paper submission

19 June 2026 - Results notification

3 July 2026 - Camera-ready version

26-28 October, 2026 - Conference

Acceptance of papers is based on the **full paper** (up to **16** 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.