



PRO-VE 2026

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

PRO-VE 2026 Special Session

Explainable AI for Collaborative Healthcare Ecosystems

Scope

Artificial Intelligence (AI) is increasingly embedded in healthcare processes, supporting clinical decision-making, diagnostics, patient monitoring, pharmaceuticals demand planning and health system management. However, the adoption of AI in healthcare ecosystems raises critical challenges related to transparency, trust, interpretability, and accountability, challenges that are gaining further relevance in light of new regulatory frameworks such as the EU AI Act. In particular, the complexity of AI models often limits their acceptance among healthcare professionals, managers, patients, and regulatory bodies. Yet, usability alone is not sufficient: effective implementation requires strategic visioning, skills development, AI literacy in line with Article 4 of the EU AI Act, and collaborative and cooperative approaches that integrate multiple stakeholders.

Healthcare systems are inherently collaborative ecosystems, where decision-making processes involve distributed expertise and shared responsibilities. In this context, evolutions such as Explainable AI (XAI) can support human–AI cooperation, enabling transparent decision support, improved communication between value chain actors, and more trustworthy digital health solutions.

This special session aims to explore collaborative models, competency frameworks, cooperative processes, technological solutions, and methodological approaches for the development and adoption of XAI toward transparent, human-centred, and cooperative AI-driven healthcare systems. We particularly encourage submissions that investigate how XAI can enhance interdisciplinary collaboration, collective intelligence, and shared decision-making in health-related processes.

Session Organizers

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Topics/ Keywords

- Explainable AI for clinical decision support systems, digital health platforms, remote care
- Human-AI collaborative decision-making in healthcare
- Explainability and trust in AI-driven healthcare applications
- Collaborative frameworks for developing explainable healthcare AI
- Human-centered and patient-centered explainable AI systems
- Participatory design approaches, governance, ethics, and accountability in AI for health
- AI-supported collaborative healthcare workflows and logistics

Submission procedure

10 Apr 2026	Abstract submission (optional)
8 May 2026	Full paper submission
19 Jun 2026	Results notification
3 Jul 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.

Special Session Sponsored by

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