



PRO-VE 2023

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

PRO-VE 2023 Special Session

Technological Advancements, Future Skills and Collaborative Networks

Scope

The speed and far-reaching implications brought by AI technologies like ChatGPT and machine learning applications bring two novel aspects to collaborative network research. Obviously, these technologies have an impact on the way in which companies and humans collaborate. They create new demands on organizations and workforce, more precisely, skilled professionals with regard to planning, developing as well as sustainably interacting with AI-based systems. Further, the technology advancements impact the learning systems as well – AI-based knowledge assistance emphasize the importance of critical data literacy (e.g., skills to re-construct and interpret AI outputs) as well as other future skills (e.g., communication skills) and allow novel possibilities for digital collaborative and activating learning environments. The session aims to shed light on both, the competencies and skills that can and have to be built up across the board to enable innovative and collaborative working in the future as well as novel opportunities of digital and AI-based collaborative learning environments. What skills are employees lacking, and what approaches are there to ensure that the world of work can keep pace with technological development? However, the session aims to take a closer look at the work with innovative solutions, but also at the development of these technologies and their practical consequences. What competencies do developers need to design future collaborative networks in line with the requirements for sustainable and resilient solutions? In discussing answers to these questions, we want to explore how innovative, collaborative networks are changing the world of work and learning and what challenges this poses for employees, organizations, and society.

Session Organizers

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Topics/ Keywords

- Future Skills
- Data Literacy
- Collaborative work
- Collaborative Learning Environments
- Artificial intelligence
- Transformation processes

Submission procedure and dates

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 (from 8 to 16 pages). Each paper will be evaluated by three members of the International Program Committee.

Selected papers will be invited for a Special Issue of an international journal.

When submitting on the web site, please indicate the name of the special session.

Submission procedure via EasyChair is available on: <http://www.pro-ve.org>, with copy by email to the chairs of the special session.