PRO-VE 2023

24rd IFIP/SOCOLNET Working Conference on Virtual Enterprises

Resilient and Responsible Collaborative Networks

PRO-VE 2023 Special Session

Collaborative Healthcare Networks to support personalized care pathways

Scope

Healthcare systems are evolving in order to face the numerous challenges induced by (i) critic situations of healthcare systems reinforced during recent crisis, (ii) technological and organizational changes (4.0 and 5.0 transitions) and (iii) evolution of care needs, for instance with the population aging the increase of follow-up of patients with multimorbidities or chronic diseases conditions. On the one side there is an increasing demand for a more personalized medicine; on the other side new information and communication technologies are available to strengthen the link between health professionals working in collaborative networks (general practitioners, specialists, pharmacists...) and patients outside of medical care centres to accompany their care pathway. Increasing availability of health data is a gold mine and speeds up the development of the personalized care approach. However, technological innovations are not sufficient. Collaborative capabilities depend on many socio-human and organisation factors. A good organization with all actors of the care pathway is essential to maximize the impact of such devices and finally improve the quality of life of patients.

This special session intends to gather advanced research regarding the development of methods and tools to provide resilient and responsible collaborative healthcare networks in the context of personalized medicine. The session aims at attracting both theoretical advances in the field of collaborative networks, technological platform and solutions for health care networks, and applications to concrete case studies.

Session Organizers

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Topics/ Keywords

- Modelling, simulation and analysis of healthcare collaborative networks
- Collaborative planning and availability management in health care network
- Collaborative models, platforms and solutions to support a personalized medicine
- Performance evaluation of care pathways
- Smart homes data analysis to support healthcare processes
- Knowledge acquisition in healthcare collaborative networks
- Medical workflow analysis
- Open application fields: Chronic disease management, Silver economy, Personalized medicine, Persons with disabilities, etc….

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 **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.