



PRO-VE 2022

23rd IFIP/SOCOLNET Working Conference on Virtual Enterprises
Collaborative Networks in Digitalization and Society 5.0

PRO-VE 2022 Special Session

Service Design for Society 5.0 and Industry 5.0

Scope

The rapid evolution of key emerging technologies boosts the digital transformation of the economy and the society. The question for increased productivity and resource efficiency in Smart Factories, largely expressed by the vision of Industry 4.0, addresses only partially people's requirements for improved quality of life and sustainable growth. Today there are various other challenges that can be addressed by ICT in order to resolve various issues in society, improve people's everyday life practices and advance the economic and social growth. The notion of Society 5.0 refers to the need for a comprehensive strategy on science, technology and innovation aiming at the development of people-centric solutions and services for all the spheres of people's daily life practices. Similarly, Industry 5.0 refers to a next stage of manufacturing evolution that goes beyond automation and industrial relationships, re-focuses on people and promotes the participation and collaboration with people, and highlights value delivery and usage for the fulfilment of people's needs.

The development of the vision of Society 5.0 and Industry 5.0 accentuates the importance of services, perceived as effort performed or output produced for the benefit of the user. Services emphasize on the value that is created for the user and represent what is needed by people as solutions to the challenges and the requirements of their daily life practices. In Society 5.0 and Industry 5.0, service can act as the glue that connects people and social needs with the diverse products and technologies. In addition, service can serve as a key concept for the development of new approaches for value creation and delivery that meet personal needs and social requirements. This special session welcomes theoretical contributions and empirical studies that investigate the requirements for the realization of the notions of Society 5.0 and Industry 5.0 and propose in particular service design approaches and methods that feature the characteristics and the requirements of Society 5.0 and Industry 5.0.

Session Organizer

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Topics/ Keywords

- Service design approaches & methods for Society 5.0/ Industry 5.0.
- Service innovation for Society 5.0/ Industry 5.0.
- Interconnected and collaborative services for Society 5.0/ Industry 5.0.
- Multi-stakeholder and collaborative approaches for human-technology interaction design.
- Service design for the convergence of virtual and social worlds.
- Product-Service Systems for Society 5.0.: Personalization and user-centered approaches.
- Service design and human interaction in Cyber-Physical Systems.
- Digital service ecosystems and Society 5.0/ Industry 5.0.

Submission procedure

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

Short abstracts submission (100-150 words): March, 19th, 2022

Full papers submission: April, 16th, 2022

Acceptance Notice: May, 28th, 2022

Final version Submission: Jun 11th, 2022

Acceptance of papers is based on the **full paper** (technological development and case application papers **up to 8 pages** and foundational research papers **up to 12 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.