



PRO-VE 2022

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

Special Session on

5G enabled Network Applications for Digitalization and Society 5.0

Scope

Considering the increased innovation and commercial potential for applications' developers to provide new and collaborative 5G enabled Network Applications (NetApps) across multiple industry verticals, 5G and IoT architectures and infrastructures are challenged to continuously evolve in order to cope with all these NetApps requirements. According to the 5GASP project, a NetApp in the context of the 5G architectures is defined as a set of services that provide certain functionalities to the verticals and their associated use cases. There are many impactful domains to be enabled by the collaboration of 5G and IoT networks, some examples being: Environmental Protection, Vehicular Communication, Future of Workplace, Smart Communities, or Public Protection & Disaster Relief. Collaborative networks between companies, academia and local or regional administrations may enhance the governance mechanisms by innovative combination of leading-edge technologies, data sharing, standards and services, and new business models.

In this session we are looking to gather a lineup of Network Applications proposals aiming to increase the knowledge sharing behind the 5GASP NetAppCommunity portal supporting the developers and the users, but also others that provide innovative governance mechanisms as results of collaborative networks.

Session Organizers

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Topics/ Keywords

- 5G & IoT enabled Network Applications
- 5G & IoT for Smart City and Smart Governance
- NetApp and NetAppCommunity
- Vertical industries
- 5G Technology Ecosystem
- 5G in collaborative Cyber Physical Systems

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.

Special Session Sponsored by

5GASP H2020 project (<https://www.5gasp.eu/>)