



# PRO-VE 2021

Smart and Sustainable Collaborative Networks 4.0

22<sup>nd</sup> IFIP Working Conference on Virtual Enterprises

2021, 22 -24th November

[www.pro-ve.org](http://www.pro-ve.org)



## PRO-VE 2021 Special Session Submission

### SIReN – Sentient Immersive Response Networks

#### Scope

In a context where collaborative networks constitute the realistic future of the dynamics of human societies (economically, socially and culturally), the engineering and the management of these collaborative networks appears to be a major concern.

The notion of immersion already plays a major role in this concern. Of course, virtual, augmented or mixed realities are the first obvious components of this ambition, but other approaches involving artificial intelligence, simulation or data visualization can contribute to improving the design or management of tomorrow's collaborative networks.

This special session aims at providing a vision about current contributions on the combination of “Immersion” and “Artificial Intelligence” for the management of response networks in various application domains (as Security, Supply-Chain, Health, Cities and Nations, Industry, etc.).

This special session expects submissions regarding *actual results about fundamental or applied research works on immersive management of response networks*, but also strongly encourages submissions about *innovative early works and visionary proposals*.

#### Session Organizers

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#### Topics/ Keywords

- Dashboards and Control Towers for Response Networks Engineering / Management,
- Immersion in Response Networks for Crisis Management, Health Care, Supply-Chain, Industry, Public Institutions, etc.
- Using VR, AR, XR for Collaborative Network Engineering / Management,
- Simulation and Visualization of Collaborative Networks.
- Reaching Sentience by combining smart capacities (AI, optimization, etc.) and sensitive capacities (sensors, IoT, etc.).

#### Submission procedure

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

Short abstracts submission (100-150 words): March, 15<sup>th</sup>, 2021

Full papers submission: April, 16<sup>th</sup>, 2021

Acceptance Notice: May, 31<sup>st</sup>, 2021

Camera Ready Submission: June, 20<sup>st</sup>, 2021

Acceptance of papers is based on the **full paper** (up to **8** 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 available on: [www.pro-ve.org](http://www.pro-ve.org), email copy to the special session chairs.