



## PRO-VE'17 – 18th IFIP Working Conference on Virtual Enterprises

Vicenza, ITALY, 18-20 September 2017, [www.pro-ve.org](http://www.pro-ve.org)

### Special Session on Design Science Research in the field of Collaborative Networks

**Scope.** Design Science Research (DSR) is a well-established research paradigm that intends to create useful artifacts while developing scientific knowledge about the design process, balancing relevance and rigor in applied research. Under the DSR paradigm a researcher (designer) answers questions relevant to individual/organizational/societal problems through the creation of innovative artifacts, simultaneously contributing to the scientific body.

The design process (of systems, products or services) – as a sequence of expert activities that produces an innovative outcome – has been studied in different disciplines, from information systems to business/management studies. Unlike other fields, Collaborative Networks call for the design of a big variety of artifacts. This poses particular challenges to the DSR approaches and methods.

“Data is the new gold” is the phrase, which can be used to describe the current state of economy and society. The question for the session will be, which impact the data-driven paradigm will have on collaboration and virtual enterprises, for instance through Enterprise Social Networks. The session will focus on DSR supporting the data-driven design of collaborative networks, the collaborative design of data-driven products or other outcomes (e.g. systems or services) as well as novel design approaches for collaboration in a data-rich world. It aims to bring together researchers in the multidisciplinary areas of collaborative networks (including the several contributing disciplines such as information systems, or business and management studies) to provide a forum for the presentation and discussion of their research activities. Contributions concerning theoretical approaches and emerging themes as well as case studies are welcome.

#### Session Organizers

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#### Topics / Keywords

- Data-driven design
- Design of collaborative networks
- Design of (data-driven) collaborative models, platforms and systems
- Big data for design
- Design of supply chain networks
- General design processes
- Design practice and design thinking
- Design science research applications
- Emerging methods and tools in design science research
- Emerging themes in design science research
- Design science research for industry
- Case studies

**Submission procedure.** Papers accepted for this session are included in the main conference and follow the same reviewing process.

- Short abstracts submission (1 page maximum): 12 March 2017
- Full papers submission: 02 April 2017
- Acceptance Notice: 18 May 2017
- Camera Ready Submission: 28 May 2017

Acceptance of papers is based on the **full paper** (up to **12** pages). Each paper will be evaluated by three members of the International Program Committee. However, prospective authors should submit a short abstract in advance, in order to check if the proposed topic fits within the conference scope.

When submitting on the web site, you have to indicate the name of the special session.

Submission on: [www.pro-ve.org](http://www.pro-ve.org), with copy by email to the chairs of the special session.