Scope. In April 2016 the European Commission presented the Digitising European Industry Strategy (DEI)\(^1\). The overall objective of this initiative is to ensure that any industry in Europe can fully benefit from digital innovations to upgrade its products, improve its processes and adapt its business models to the digital age. The Digital Single Market (DSM) strategy, especially the pillar on "maximising the growth potential of the digital economy", contains all the major levers for improving industry digitisation with actions in areas such as the data economy, IoT, cloud computing, standards, skills and e-government. It is part of a coherent strategic framework of Commission initiatives aimed at strengthening the overall competitiveness of industry, especially small and medium-sized enterprises (SME).

One of the more important pillars of the Digitise European Industry effort is the activity to develop a network of Digital Innovation Hubs (DIH). DIHs are one-stop-shops that help companies to become more competitive with regard to their business/production processes, products or services using digital technologies. They are based upon technology infrastructure (Competence Centre - CC) and provide access to the latest knowledge, expertise and technology to support their customers with piloting, testing and experimenting with digital innovations. DIHs also provide business and financing support to implement these innovations, if needed across the value chain. As proximity is considered crucial, they act as a first regional point of contact, a doorway, and strengthen the innovation ecosystem. A DIH is a regional multi-partner cooperation (including organizations like RTOs, universities, industry associations, chambers of commerce, incubator/accelerators, regional development agencies and even governments) and can also have strong linkages with service providers outside of their region supporting companies with access to their services.

This session addresses several aspects covered by H2020 projects to strength European DIH network and specially those funded under calls in H2020-DT-2018-2020 (Digitising and transforming European industry and services: digital innovation hubs and platforms), like:

- DT-ICT-01-2019 Smart Anything Everywhere
- DT-ICT-02-2018 Robotics Digital Innovation Hubs
- DT-ICT-06-2018 Coordination and Support Activities for DIH Network

Topics of interest include but are not limited to:

- Artificial Intelligence (AI)
- Robotics
- Block-chain Smart Contracts
- Circular Business Models
- Circular Economy Digital Platforms
- Cyber-Physical Systems (CPS)
- Digitized Agriculture
- Digitized Anything
- Digitized Environment
- Digitized Transport

Embedded Systems
• Federated Model of Digital Platforms
• Human-machine Interaction
• Industrial Internet of Things (IIoT)
• Integrated platform for DIHs
• Low- Energy Computing (CLEC)
• Marketplace-as-a-Service (MaaS)
• Smart Everything Everywhere
• Trustable Data Sharing Mechanisms
• Digital Innovation Hubs ecosystems
• DIH Europe Network
• DIH sustainability
• DIH services and business model

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Submission procedure: Papers accepted for this session are included in the PRO-VE 2020 conference proceedings and follow the same reviewing process.

Important dates:
• Abstracts: Now
• Full paper: 29 April 2020
• Acceptance notification: 09 May 2020
• Camera ready: 18 May 2020

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. 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, with copy by email to the chairs of the special session.