



EUROPEAN CONFERENCE ON PRODUCT AND PROCESS MODELING

ECPPM 2022

14-16 September, Trondheim, Norway

www.ecppm2022.org

‘The integration of people, process and technology – a multi-perspective view to innovation’.

We invite researchers, scientists, and industry practitioners to submit papers, present or participate in addressing people, process, technology in digitalisation innovation within the AEC/FM industry and education. Digitalisation is a broad topic with multiple sub-domains. We acknowledge that the long list of themes associated are still relevant with significant activity in research. An exhaustive list of themes within product and process modelling in the built environment can be found on the conference website.

SPECIAL TOPICS AND APPLICATIONS:

Sustainable and Circular Driven Digitalisation

- » Data driven design and/or decision support
- » Assessment and documentation of sustainability
- » Information lifecycle - collect, process and present
- » Environmental product documentation

Digital Enabled Collaboration

- » Integrated and multi-disciplinary processes, e.g. Lean Construction or Virtual Design and Construction (VDC)

Automation of Processes

- » Automation of design and engineering processes (e.g. BIM based model and compliance checking)
- » Parametric Modelling
- » Robotic Process Automation
- » Product data templates

Enabling Technologies

- » Machine Learning, Big Data, Artificial and Augmented Intelligence
- » Digital Twins and/or Semantic Technology
- » Sensors and IoT
- » Production with Robots and Autonomous Machinery
- » New combinations and applications of existing technical solutions

Framework for Implementation

- » ISO 19650, and other international (ISO), European (CEN) and national standard

Digital Platforms and Ecosystems

Human Factors in Digital Application

- » Digital Innovation and Economy of Digitalisation
- » Client, Organisational, Team and/or Individual perspectives

IMPORTANT DATES: (check website for updates)

Abstract Submission:	15th November 2021
Abstract Acceptance Notification:	6th December 2021
Full Paper Submission:	7th March 2022
Full Paper Review Notification:	8th April 2022
Camera-Ready Paper Submission:	16th May 2022
Conference:	14th – 16th September 2022

WORKSHOPS AND NETWORKING ACTIVITIES:

Virtual Design and Construction (VDC),
Development of BIM based Model Checking,
Digital Twin and enabling technologies,
Digitalisation for support of sustainability and circularity,

PhD/research session for ideation and paper writing,
Networking and social events including Icebreakers, Sightseeing,
Galla Dinner, Coffee Roulette (Virtual and Physical).



SCAN ME