

TRACK OF SESSIONS (TS1.4)

"Built Environment"

The Track "Built Environment" is divided in three Special Sessions, as follows.

1. Building Energy Blocks and Integration in Smart Cities (SS2.0)

- Chair: Paul Cartuyvels, Bouygues Europe – European Construction Technology Platform (ECTP)
- Chair: Miimu Airaksinen, VTT - Technical Research Centre of Finland

2. Smart and Interconnected Built Environment – PART I (SS2.1)

- Chair: Isabel Pinto Seppä, VTT - Technical Research Centre of Finland
- Co-Chair: Alain Zarli, CSTB - Centre Scientifique et Technique du Bâtiment; & ECTP

3. Smart and Interconnected Built Environment – PART II (SS2.2)

- Chair: Yacine Rezgui, Cardiff University
- Co-Chair: Sylvain Kubicki, LIST - Luxembourg Institute of Science and Technology

Chairs and Co-Chairs of this track invite scientists and engineers from academia and industry, to submit original unpublished results which are not under review in any other conference or journal, to the peer review for publication and representation, in the following, but not limited to the topics areas:

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| <ul style="list-style-type: none"> - Energy and resources management - Innovative Products and Services - Intelligent/Smart Buildings - Smart Building and the Sustainable/Green paradigm - Advanced Middle- and End-of-Lifecycle Services: Maintenance & Repair Operations - Remanufacturing & Refurbishment Services; Recycling Services / Circular economy - Industrialisation / Additive manufacturing - Technological aspects, especially including ICT (digital transformation) - Deployment and assessment of large-scale experimentation or demonstrators of PEB | <ul style="list-style-type: none"> - Lean and System Thinking - Distributed Engineering - Lifecycle Analysis, Estimation, Assessment and Optimisation - Innovative value chains, networks & frameworks - Digital Technologies and New Business Models & ICT - Deployment and assessment of large-scale experimentation or demonstrators of EEB (Energy-Efficient Buildings) - Processes and collaborative working - PEB and the Circular Economy. |
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Target Attendees

- Scientists and engineers from academia and industry

Track-Chair: Alain Zarli (alain.zarli@cstb.fr), CSTB & ECTP, France

Organizing Committee: