

11:00 - 11:30 Opening words

Welcome Address

Prof. Dr.-Ing. André BORRMANN

Chairman of the Leonhard Obermeyer Center, TUM

11:30 - 12:30 Keynote

Tools for a Better Built Environment

Prof. Carl HAAS, Ph.D.

University of Waterloo, Canada

12:30 -13:30 Lunch break

13:30 - 13:45

Redesigning Donnersberger Brücke: An Interactive Public Platform for Collaborative Urban Design

Çeltina BALAJ, Lelino GOMES, Mohammad ALRABAB'H

M.Sc. Information Technologies in the Built Environment

13:45 - 14:00

Digital product and material passports in the construction industry - current state and outlook

Jakob FELLNER

Chair of Architectural Informatics, TUM

14:00 - 14:15

Towards digital twins: integrating as-is point clouds with BIM in deviation and challenging registration scenarios

Fiona COLLINS

Chair of Computational Modeling and Simulation, TUM

14:15 - 14:30

Quality-controlled Mobile Laser Scanning for Digital Twinning of the Built Environment

Ziyang XU

Chair of Engineering Geodesy, TUM

14:30 - 14:45

Advanced User Interaction with Urban Digital Twins using Large Language Models

Khaoula KANNA

Chair of Geoinformatics, TUM

14:45 - 15:15 Coffee break

15:15 - 15:30

Bridges Do More Than Connect!

Ece KARASERCE, Valery CASILLAS AHMANN, Tamira WRABEL, Selin YELTEKIN

M.Sc. Information Technologies in the Built Environment

15:30 - 15:45

AI in Architecture, Engineering & Construction – Insights into Hexagon's Applications

Frank HAFNER, Michal PRYCZEK

Hexagon Technology Center GmbH

15:45 - 16:00

Enabling urban digitalization with open cyber-physical systems

Dr. Richard J. VESTNER

Bentley Systems

16:00 - 16:15

Obstacles and enablers for the digitalisation of SMEs

Aileen SCHUBERT

Chair of Construction Management, TUM

16:15 - 16:30

Text2BIM: Generating Building Models Using a Large Language Model-based Multi-Agent Framework

Changyu DU

Chair of Computational Modeling and Simulation, TUM & Nemetschek SE

16:30 - 16:45 Closing words

Looking Ahead

Sylvain HELLIN

Managing Director of the Leonhard Obermeyer Center, TUM

16:45 - 18:15 Get together