

Program

10:30 Registration

11:00 Welcome

Prof. Dr. rer. nat. Ernst Rank
Director of TUM-IAS

11:15 Digitales Bauen - international, national, regional

Prof. Dr.-Ing. André Borrmann
Speaker of the Leonhard Obermeyer Center, TUM

11:40 Keynote

Virtualizing Infrastructure

Dr. Ioannis Brilakis
Department of Engineering, Cambridge University

12:15 Lunch Break

13:15 Session I

Impulse Lecture

Prof. Dr.-Ing. Uwe Stilla
Photogrammetry and Remote Sensing, TUM

Bridging the gap between research and market requirements

Stefan Kaufmann
ALLPLAN GmbH

Digitalisierung der Bauwirtschaft im Europäischen Kontext

Maximilian Grauvogl
Obermeyer Planen + Beraten GmbH

Smart-District-Data-Infrastructure

Maximilian Sindram
virtualcitySYSTEMS GmbH, CADFEM Group

15:00 Coffee Break

15:15 Session II

Digital Tools for Urban Planning and Decision-Making

Michael Mühlhaus, Nils Seifert
Chair of Architectural Informatics, TUM

Machine Learning for Automated Detection of Construction Site Equipment

Alexander Braun, Katrin Jahr
Chair of Computational Modeling and Simulation, TUM

Additive Manufacturing in Construction: An Overview

Alexander Paolini
Chair of Computation in Engineering, TUM

InterSensor Service: Establishing Interoperability over Heterogeneous Sensor Platforms for Smart Cities

Kanishk Chaturvedi
Chair of Geoinformatics, TUM

From 3D points to Semantic Interpretation: Intelligent monitoring of construction sites and the built environment

Yusheng Xu
Chair of Photogrammetry and Remote Sensing, TUM

16:30 Coffee Break

17:00 Session III

Über den Wolken - modellbasierte Kollaboration in der Projektsteuerung

Michael Willimek
Drees & Sommer GmbH

17:15 Outlook

ZD.B Smart Cities & Regions

Prof. Dr. rer. nat. Thomas H. Kolbe
Chair of Geoinformatics, TUM

17:30 Get Together

Information for your Travel

LOC Center Day 9th of November 2018 TU München, Campus Garching Institute for Advanced Study

TU München
Lichtenbergstraße 2a
85748 Garching

Institute for Advanced Study (IAS)
Ground Floor
Room - 0.001

Public transportation:
U6, Garching/
Forschungszentrum

Park and Ride:
Boltzmannstraße 3
85748 Garching

