



THOMAS LINNER

Dr.-Ing. / Senior Scientist, Lecturer,
Research Director

PROFILE

Dr. Linner is a senior scientist and lecturer in building realisation and robotics at Technical University of Munich (TUM), and a Guest Associate Professor at the Department of System Design Engineering at Keio University, Japan. He has conducted and supervised several major multi-partner research projects, with a focus on the development and deployment of advanced construction and building technology.

KPIS

- Publications: 177
- Obtained R&D funding: > € 10 million
- Products, start -ups, patents: > 10
- Realised test beds: > 10
- Experience in teaching: ~ 15 years
- Honours, awards, boards: > 10
- Network: worldwide

CONTACT

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AREAS OF EXPERTISE

- Automation and robotics in construction | for component production, prefabrication, on-site construction, and infrastructure construction
- Assistive technology | active assisted living, healthcare, smart building technologies, circularity and resilient cities
- Systems engineering methodologies and entrepreneurship

KEY SKILLS

- Extensive experience in the acquisition of large funding projects and research contracts on national and international level
- Extensive experience in the development of living labs, test beds, and incubators and the surrounding complementary innovation ecosystems
- Conduction of highly interdisciplinary development projects
- Integrated consideration of aspects such as acceptability, usability, ethics, privacy, and data governance (multi-level perspective)
- Extensive experience with publishing and dissemination
- Extensive experience in the development and managing of master program curricula including teaching, including internationalisation and digitalisation of teaching and research

EXPERIENCE

Dr. Linner has been an invited speaker at universities such as the University of Tokyo, The University of Hong Kong, and Cambridge University. He has received several awards and grants, including a Japanese Center of Excellence Grant. Currently Dr. Linner serves as the convenor of WG2/ ISO TC 314, and as Vice President of the International Association for Automation and Robotics in Construction (IAARC). In November 2019, Dr. Linner received the GEN-CENELEC Standards + Innovation Award 2019; in January 2021 Dr. Linner was appointed by DIN to its presidial committee. Dr. Linner was the scientific director and project manager of a large university-industry collaborative project (REACH: 17 partners) funded with 6,5 million Euros by the European Commission. He is a regular evaluator for projects in national and international funding schemes, serves as a reviewer for several international conferences and Journals, is active as an editor of proceedings and Journals, and holds several patents and board of director memberships.