

Curriculum Vitae

Prof. Dr.-Ing. Thomas Bock

Thomas Bock is a professor of building realisation and robotics at Technische Universität München (TUM). He got his education in architecture at Stuttgart University in Germany, in engineering at IIT in Chicago in USA as Fulbright Scholar and in construction automation and robotics at University of Tokyo in Japan. He spent ten years abroad mostly in EU, USA and Japan. He holds an US FAA commercial pilot license with IFR and MEL ratings. Professionally he worked in the prefabrication industry for precast concrete elements in Germany and Iran, designed and built in Germany, Spain and Costa Rica. Academically he focusses since 35 years on automation and robotics in building construction, from the planning, prefabrication, on site production and utilisation phases to the reorganisation and deconstruction of a building. He was involved in the development of 50+ robotic systems for stationary production of modules made in concrete-masonry-timber-steel, on site robotic systems, automated construction and deconstruction sites and mechatronic building subsystems for daily life/work support. He is a member of several boards of directors of international associations and is a member of several international academies in Europe, Americas and Asia. He consulted several international ministries and evaluates research projects for various international funding institutions. He holds fellowship, honorary doctor and professorship degrees and visiting professorships. Bock serves on several editorial boards, heads various working commission and groups of international research organisations, authored and co-authored about 400 articles and the recent five volume Construction Robotics handbook series at Cambridge University Press.