

## KEYNOTE SPEAKERS

Luis Hans-Joachim Bargstädt - Bauhaus-Universität, Weimar, Germany



Professor for Construction Engineering and Management and Dean of Faculty of Civil Engineering

Dr. Bargstädt is a Construction Engineering and Management Professor at the Bauhaus-Universität Weimar. His research fields are in construction technologies, construction operations, and construction logistics, with a special focus on developing software applications like BIM for project management and construction site operations as well as simulation of construction operations. After studying civil engineering, Prof. Bargstädt became a structural engineer in a large construction company. From 1986 to 1989, he worked on his Ph.D. in structural engineering at the Technical University Braunschweig. Then, a career in the construction industry followed from working as a site engineer to being director of a regional division of a large construction company. He has been a university professor since 1999. In 2012 and 2013, he was a guest professor at the National Taiwan University in Taipei. Since 2011, he has taught as a guest lecturer at Stellenbosch University. Prof. Bargstädt served many years as the student dean of the faculty. He is the spokesman of the German Association of Professors in Construction Engineering and Construction Management. He serves as Chairman of the German association of civil engineering facilities. Since the beginning of 2017, he is also president of 4ING e.V.—the German Council of University Faculties in Engineering and Informatics.

Luis Fernando Alarcón - Catholic University of Chile, Santiago, Chile



Professor and director of the Production Management Center (GEPUC)

Luis F. Alarcon is a Professor of Civil Engineering at the Catholic University of Chile, where he has served in a progression of administrative positions. He had been a Visiting Professor at the Ohio State University, Valencia Polytechnic (Spain), and Shimizu Visiting Professor at Stanford University. Currently, Dr. Alarcon is the director of the Production Management Center (GEPUC). He holds a bachelor's degree in civil engineering from the Catholic University of Chile and two master's and a Ph.D. from the University of California, Berkeley. Professor Alarcon is a founding member of the International Group for Lean Construction and served on the International Council for Research and Innovation in Building and Construction board. He has published more than 100 research papers and several books: "Uncertainty Management in Repetitive Construction Projects using WIP Buffers," "Identification and Reduction of Waste in Construction," "Administration of Civil Engineering Projects," "Planning and Control of Projects," and he is the editor and co-author of the book "Lean Construction" and co-editor/author of Lean Construction 4.0. He has developed research and consultancy for public and private organizations in several areas: Project Risk Modeling, Strategic Planning in Construction, Lean Construction, Production Management, and Improvement of Quality and Productivity. He is currently a member of the Panamerican Academy of Engineering and the National Academy of Construction of the USA.