

Future Production Conference – Generic Methods and Tools

December 6 2018 at Chalmers

Presentation of Key-note speakers and Expert moderator



Expert Moderator: Magnus Wiktorsson, Prof., KTH – Royal institute of technology, Sweden

Magnus Wiktorsson is Professor of Production Logistics at KTH. He has a professional background with experience from business, government and universities. His research interest concerns how complex production logistic systems can be described and predicted, based on a strong systemic and mathematical interest. He is also visiting professor at Mälardalen University, active in the national initiative Produktion2030 and member of the presidium of the Swedish Production Academy.



Key-note speaker: Bazmi Husain, Chief Technology Officer, ABB, India.

Mr. Bazmi Husain is Chief Technology Officer of the ABB Group. Prior to assuming this role in January 2016, Mr. Husain was ABB's Managing Director in India for four years and, before this, head of ABB's Global Smart Grid industry segment initiative. In this role, he was instrumental in pioneering agreements with partners such as General Motors and Deutsche Telekom, which have helped to make ABB a leading name in smart grid solutions. During his 30 years at ABB, Mr. Husain has also worked in various roles in research and development, service, strategy and business operations around the world. He has led the Global Research Center in Bangalore (ABB's largest R&D center worldwide), the Corporate Research Center in Sweden and the global Automation Technology Research team. Over a period of more than two decades, Mr. Husain shaped ABB into the largest automation solutions provider in India in his time.



Key-note speaker: Kristian Martinsen, Prof., Department of Manufacturing and Civil Engineering, Norwegian University of Science and Technology, Norway.

Kristian Martinsen is Professor and manager for the research group for sustainable manufacturing at department for Manufacturing and civil engineering, NTNU in Gjøvik. Previous positions are Scientific assistant at institute for quality and production engineering, NTH (NTNU) 1989-1991, Dr. Ing. Candidate 1991-1995, post doctoral fellow at Mechanical Engineering Laboratory, AIST, Tsukuba, Japan 1995-1996. Researcher on manufacturing engineering at Raufoss ASA 1996 to 2001, Raufoss Technology and Industrial Management AS /SINTEF Raufoss Manufacturing AS, 2001 to 2010. Research Manager for production technology department at SINTEF Raufoss Manufacturing from 2010 to 2012. Research Director at SINTEF Raufoss Manufacturing from 2012 to 2015. Professor at Gjøvik University College (HiG)/ 2010 to 2016 (merged with NTNU in 2016) Vice dean research at TØL, NTNU Gjøvik from Sept 2015 to Des. 2016. Research manager at NTNU Gjøvik, Dep. for manufacturing and civil Engineering (IVB) 2016 to 2018.



Key-note speaker: Carmen Constantinescu, Prof. Dr.-Ing. MBA, Fraunhofer Institute for Industrial Engineering, Stuttgart, Germany.

Carmen Constantinescu studied and obtained a doctorate in mechanical engineering from the Technical University of Cluj-Napoca, Romania. Since 2001 she is conducting research in the field of "Digital Factory" at Fraunhofer Institute for Production Engineering and Automation and at the University of Stuttgart. Since 2012 she coordinates the strategic area "Digital Manufacturing 4.0" at the Fraunhofer Institute for Industrial Engineering. She worked as associate professor at Royal Institute of Technology, Stockholm, Sweden and is working at Technical University of Cluj-Napoca Cluj-Napoca, Romania.

In her basic and application-oriented research, Prof. Constantinescu develops innovative methods of networked, digital and knowledge-based production for the 4th Industrial Revolution. Its activities at European and national level focus on continuously integrated development and planning of products, factories and processes. The new approach "Digital Manufacturing 4.0" synchronizes the flexibilisation and self-configuration approaches of Industry 4.0 strategy with the current developments of integrated data models and systems for global cooperation. Digital "Manufacturing 4.0" is an integral part of next-generation PLM and represents an anthropocentric approach.