

KEYNOTE 1

Weathering IFToMM for our Upcoming Worldwide Technological Challenges - Experiences, Strategies and Visions from the EC Cockpit

Thursday June 22 at 9:30h



Prof. Dr. Andres Kecskemethy graduated from the University of Stuttgart in Mechanical Engineering in 1984 and received his Ph.D. in Mechanical Engineering from the University of Duisburg in 1993. From 1994 to 1995, he stayed as a senior guest researcher at the Centre for Intelligent Machines at McGill University with a fellowship from the German Research Foundation (DFG). In 1996, Dr. Kecskemethy was appointed Professor at the Technical University of Graz, where he held the Chair for Mechanics until 2002. In 2002, Professor Kecskemethy moved to the University of Duisburg-Essen, where he holds the Chair for Mechanics and Robotics at the Institute of Mechatronics and System Dynamics.

Currently he is the President of IFToMM- International Federation for the Promotion of Mechanism and Machine Science.

Professor Kecskemethy has worked in the areas of kinematics and dynamics of multibody systems, covering topics such as modelling of mechatronical systems and vehicle dynamics, as well as the design and simulation of legged vehicles and robotic systems. He is author of more than 120 proceedings and journal papers.

KEYNOTE 2

Renewable Energy: technology challenges and opportunities for a sustainable development

Friday June 23 at 9:00h



Jose Luis Villate: B.S. degree in physics and M.Sc. degree in advanced manufacturing technologies. Director of the Renewable Energy and Thermal Efficiency department of TECNALIA, the largest private research organisation in Spain. Participation in more than 20 R&D projects on offshore wind, wave energy and grid integration of renewable energy. Lecturer in 2 masters on renewable energy. Contribution to several international organisations on renewable energy. Author of more than 40 papers and conference communications and holder of five patents related to renewable energy.