



Prof. Dr. Stefan Pirker heads the Department of Particulate Flow Modelling at Johannes Kepler University (JKU) Linz, Austria. His **research interests** are numerical modelling of particulate flows with special emphasis on multi-scale model synthesis. This involves (i) embedded co-simulations and sub-grid models, (ii) hybrid Eulerian and Lagrangian simulations as well as (iii) recurrence models for efficient time extrapolation of full CFD simulations. The outcome of his research group has been disseminated by open-source codes (www.cfdem.com, www.liggghts.com) and by to date more than 150 publications in scientific journals and refereed conference proceedings.

Education:

1990-96	Study of Mechatronics, JKU
2001	PhD on ‘Modelling, Simulation and Visualization of Metallurgical Flows’, completion with distinction
2011	Habilitation on ‘Multiphase Modelling of Industrial Processes’

Professional Engagement:

1996-2001	Assistant at the Institute of Fluid Mechanics and Heat Transfer
2001-2008	Deputy Head of the Institute of Fluid Mechanics and Heat Transfer
2009-2016	Head of the Christian-Doppler Laboratory (CD-Lab) on Particulate Flow Modelling.
since 2013	Head of the JKU Department of Particulate Flow Modelling
since 2015	Scientific Key Researcher, K1MET competence center