

**Klaus Hellgardt**, REaCT Group, Department of Chemical Engineering, **Imperial College London**,

Dr. Klaus Hellgardt received his Dipl.-Ing.(TH) in Chemical Engineering from the University of Karlsruhe in 1990. He was then awarded an European Mobility Grant to study for a PhD and DIC at Imperial College London (1994). After a short period as Postdoctoral Associate at Imperial, he took up a position as Lecturer at Loughborough University, later becoming a Senior Lecturer (2000). In 2005 he moved back to Imperial College London where he was made a Reader in 2008. In 2003 Dr. Hellgardt was awarded the title of ‘EurIng’ by the European Federation of National Engineering Associations. In 2008 he received two teaching awards (Imperial College Award for Excellence in Teaching and ExxonMobil Teaching Excellence Award).

Dr. Hellgardt’s research focuses on advanced reaction engineering and applied catalysis, with specific emphasis on solar (bio)fuels, smart petrofuels engineering, kinetics, (electro-) chemical and bioreactor modeling, design and application. To date, his cumulative grant support exceeds £9.2M.

Dr. Hellgardt is a member of a number of learned societies including the IChemE Applied Catalysis Subject Group where he serves as secretary; Verein Deutscher Ingenieure (VDI); Institute of Applied Catalysis (iAc); Federation Europeenne d’Associations Nationales d’Ingenieurs (FEANI), European Multidisciplinary Society for Modelling and Simulation Technology (EURSIS), American Institution of Chemical Engineers (AIChE).

His external appointments include: External Examiner – MSc Programme in Petroleum Engineering, Teesside University; Member of Editorial Board, International Journal of Oil, Gas and Coal Technology; Member of TrainHy Advisory Committee; Director and Board Member, Britest Ltd.; Chair of the Advisory Board, CTI-LABS AG, Germany; Visiting Professor at Tokyo University.

He has published some 100 research articles and 6 patents in a number of areas.