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Günter Leugering – biographical note

Professor Günter Leugering, born in 1953, studied Mathematics and Theoretical Physics at Goethe University in Frankfurt am Main. He was awarded a scholarship for particularly gifted Catholic students from the Cusanuswerk and studied at Technical University of Darmstadt, where he completed his doctoral degree in 1984 and became an assistant professor, completing his postdoctoral qualification (Habilitation) there in 1988. He held a Heisenberg scholarship from 1989 to 1992. In 2003, Günter Leugering was appointed Chair of Applied Mathematics II at Friedrich-Alexander University at Erlangen-Nuremberg (FAU), after holding positions as assistant professor at Georgetown University in Washington DC, Fiebiger professorship at the University of Bayreuth (in the years 1992–2000), and chair at Technical University of Darmstadt (TU Darmstadt, in the years 2000–2003). He has also spent some time as a visiting professor at the universities of Nancy 2, Paris 6 and Paris 11, Virginia Polytechnic Institute, and State University in Blacksburg, Virginia, as well as at Fudan University in Shanghai.

He has been coordinator of one of the Elite Networks of Bavaria's international doctorate programmes, entitled 'Identification, Optimization and Control with Applications in Modern Technologies' and the Priority Programme SPP 1253 'Optimization with Partial Differential Equations' of the German Research Foundation. Günter Leugering has also worked in Collaborative Research Centre CRC 603 'Model-based analysis and visualization of complex scenes and sensor data' and Research Group FOR 894 'Fundamental flow analysis of the human voice', and was involved in CRC 814 'Additive manufacturing'. Since coming to FAU, he has participated in four projects funded by the Federal Ministry of Education and Research. Currently, Günter Leugering is head of the Multiscale Modeling and Simulation group at the Cluster of Excellence 'Engineering of Advanced Materials' (EAM) and is a member of the board at EAM. He is a PI in the DFG Transregio 154 'Mathematical modelling, simulation and optimisation using the example of gas networks', in the Priority Programme SPP 1679 'Dynamic simulation of interconnected solids processes' and in the EU training network ConFlex.

Professor Leugering has held positions as Dean of Studies at TU Darmstadt's Faculty of Mathematics, as an FAU senator, and as speaker of FAU's Department of Mathematics. He was a founding member and deputy speaker of the Central Institute for Scientific Computing (ZISC) and a member of the board at the Centre for Applied Ethics and Science Communication (ZIEW).

Professor Leugering is the editor of a series of publications and is a member of the editorial board of a number of renowned journals. He is also a member of the advisory board at a Max Planck institute and an international research institute.

Since 1 April 2015 Professor Leugering is Vice President of Friedrich-Alexander-University Erlangen-Nuremberg. As Vice President for Research, Professor Leugering is mainly responsible for FAU's research strategy, research infrastructure, research funding (including internal research funding and prestigious academic awards in a broader sense), issues relating to collaborative projects and international aspects of research.