Michael Rieth is head of the department Metallic Materials in the Institute for Applied Materials, Karlsruhe Institute of Technology (KIT), Germany, since 2016. He received degrees from Karlsruhe University (M.S. in Electrical Engineering), Patras University (Ph.D. in Physics), started as senior scientist at KIT in 2002, and officiates various positions in the European Fusion Programme: co-chair of the EFDA Fusion Materials Group (2008-2013), leader of the EUROfusion Materials Project (2013-2016), leader of the Materials Irradiation Group (since 2016), member of the Scientific and Technical Advisory Committee (2019-2022). His R&D topics address mainly applications in energy conversion and related large-scale projects (ITER, DEMO, concentrated solar power). This includes in particular the development of structural, high heat-flux and functional materials (steels, refractory alloys, beryllides, composites), materials technology (machining, joining, production provcesses), and irradiation defect studies (experiments, analysis, modelling).

