Born in 1962. Studied mathematics and physics, doctorate in 1989, worked for the Babcock Group from 1989 to 2002. Until 1997 responsible for the process engineering of heat recovery steam generators. 1997 to 2002 development of IT systems for online diagnosis and optimization of conventional power plants. Since 2002 at STEAG Energy Services GmbH head of product development for software solutions that support the technical and commercial processes in the power industry. His keen interest has been applying state of the art mathematical tools for modelling power generation plants, both with first principles and using artificial intelligence. The products developed in this way are used worldwide. Working with VGB and VDI to develop guidelines for the use of performance monitoring and diagnosis software in power plant. Since 2019 also Head of R&D and Digital Officer at STEAG GmbH.