

## **About the authors:**

### **Prof. Dr.-Ing. Thomas Boellinghaus**

Prof. Dr.-Ing. Thomas Boellinghaus, studied Mechanical Engineering at the Helmut-Schmidt-University of the Federal Armed Forces in Hamburg from 1980 to 1984. He received his doctoral engineering degree in 1995 and achieved his habilitation in the subject Materials Science and Welding Technology in 1999 at the same university. From 1999 to 2006 he was Head of the Division Safety of Joined Components at the Federal Institute for Materials Research and Testing (BAM) in Berlin, Germany. Since 2003 he has been Vice President of BAM and since 2009 also Head of the Department Component Safety. He has published more than 100 papers in Welding Technology, Corrosion and Materials Science and is editing two well-known ISI journals. Since 2011 he has been President of the WMRIF and since 2014 he has been member in the IIW Board of Directors.

### **Dr.-Ing. Juergen Lexow**

Dr.-Ing. Juergen Lexow is mineralogist/crystallographer by education. He received his PhD. in materials science for research on glass and ceramics. Since 1982 he is working in various sectors of BAM as researcher in measurement methodology and tribology of ceramics. He has been spokesperson of BAM. Since 2006 he is heading the group Research Coordination, Marketing of BAM. He holds various honorary positions, among them General Secretary of the World Materials Research Institutes Forum, and member of the Executive Committee of the International Energy Agency Implementing Agreement Advanced Materials for Transport.