

PERSONAL INFORMATION Prof. Dr.-Ing. Harald Bolt

WORK EXPERIENCE

2008-Present	Member of the Board of Directors Forschungszentrum Jülich GmbH, Jülich, Germany
1999-Present	Honorary Professor Faculty of Mechanical Engineering, Technische Universität München, München, Germany
1999-2008	Director of Materials Research Division Scientific Member of the Max Planck Society Max Planck Institute for Plasma Physics, Garching, Germany
1995-1998	Associate Professor (C3) for Plasma Technology Bergische Universität GH Wuppertal, Germany
1992-1998	Leader of Plasma-Materials Interaction Group Forschungszentrum Jülich, Jülich, Germany
1990-1992	Associate Professor Faculty of Engineering, University of Tokyo, Japan
1988-1990	Postdoctoral Researcher in the Next European Torus (NET) Team Max Planck Institute for Plasma Physics, Garching, Germany

EDUCATION AND TRAINING

1990	Doctorate Nagoya University, Japan
1988	Doctorate RWTH Aachen University, Germany
1980-1985	Degree in Mechanical Engineering RWTH Aachen University, Germany

ADDITIONAL INFORMATION

Professional Interests	In his scientific research he has largely been concerned with materials science for fusion applications and in extreme operational environments. For example, he developed materials and coatings that help to confine the hot plasma in fusion devices like ITER and he also investigated the interactions of these materials with the fusion plasma. In the European Union's 6th Framework Programme, he coordinated one of the largest research projects in the materials sector, the EU ExtreMat Project (New Materials for Extreme Environments) with 37 partner institutions in 13 European countries. He is involved in various international committees on which he holds a number of positions, including, member of the ESFRI committee on European infrastructures for energy research, member of the Executive Committee of the European Energy Alliance (EERA), member of the Fusion Advisory Board (FAB) of EPSRC
Projects	
Memberships	Professor Bolt a member of several scientific societies and of the Berlin-Brandenburg Academy of Sciences as well as of the German National Academy of Science and Engineering (acatech).
Publications and Patents	Over 115 publications in refereed journals
Other Relevant Information	