

**2016 IAPWS Symposium**  
**Steam, Water and Aqueous Mixtures in Energy and Process Engineering**  
**Dresden, 14 September 2016**

Prof. Dr. Hans-Joachim Kretzschmar, Chair of the local organizing committee,  
Welcome.

Uwe Gaul, State Secretary of the Saxon State Ministry of Science and Art,  
Opening Remarks.

Prof. Dr. Hans-Joachim Kretzschmar, IAPWS President,  
2016 IAPWS Helmholtz Award presentation.

Helmholtz Award Lecture

Dr. Frédéric Caupin, University of Lyon, France,  
How I met your water.

Dr. Ernst-Günter Hencke, VDI Düsseldorf, Germany,  
VDI Standards for Energy Technology.

Prof. Dr. Johannes Janicka, University of Darmstadt, Germany,  
The German Energy Transformation after the Paris Conference: A Global Rule-Model?

Dr. Vincent Holten, Dr. Frédéric Caupin, University of Lyon, France,  
J. V. Sengers, M. A. Anisimov, University of Maryland, College Park, MD, USA,  
Thermodynamics of Metastable Water.

Prof. Dr. Roland Span, Ruhr University Bochum, Germany,  
Carbon Dioxide / Water – Describing a System with Rather Unique Thermodynamic  
Properties.

Prof. Dr. Ullrich Hesse, Dr. Robin Langebach, Dresden University of Technology, Germany,  
R718 – Water as a Refrigerant.

Prof. Dr. Eckhard Vogel, Dr. Sebastian Herrmann, Benjamin Jäger,  
Dr. Robert Hellmann, Dr. Eckard Bich, University of Rostock, Germany,  
Interplay of Experimental and Theoretical Transport Property Research for Working  
Fluids in Power Engineering.

Prof. Dr. Jadran Vrabec, Dr. Gabriela Guevara-Carrion, Tatjana Janzen, Andreas Köster,  
University of Paderborn, Germany,  
Thermodynamic Properties of Water and Aqueous Alcohol Mixtures by Molecular  
Simulation.

Dr. Rutger. Kretschmer, DREWAG Dresden, Germany,  
DREWAG - The Dresden Energy Supplier.

Technical Visit at DREWAG Dresden