

BUNSEN-KOLLOQUIUM 2026 IN ROSTOCK

SPECTROSCOPY OF COMPLEX SOLVENTS: FROM CLUSTERS TO SOLVATION SCIENCE

9:00 9:10 Prof. Dr. Elizabeth Prommer (Rector of Rostock University)
 Opening remarks

Session-Chair: Dr. Anne Strate

9:10 9:50 Prof. Dr. Peter Vöhringer, Universität Bonn (GER)
 You'll never know what you'll find out with ultrafast lasers. Let's start
 with Ti-based photoredox catalysis and see where they take...

9:50 10:30 Prof. Dr. Melanie Schnell, Christian-Albrechts-Universität zu Kiel (GER)
 Making invisible forces visible through high-resolution molecular spectroscopy

10:30 10:50 **Coffee Break**

Session-Chair: Dr. Johanna Busch

10:50 11:30 Prof. Dr. Mark A. Johnson, Yale University, New Haven CT (USA)
 Tagging along on Ralf's expedition to conquer mount Coulomb

11:30 12:10 Prof. Dr. Matthias Beller, Leibniz Institut für Katalyseforschung, Rostock (GER)
 Why is solvation science important? Thoughts from a synthetic chemist

12:10 13:00 **Lunch**

Session-Chair: M.Sc. Lennart Kruse

13:00 13:30 Prof. Dr. Abdenacer Idrissi, Université de Lille (FRA)
 Structural and dynamic characteristics of liquid-vapor interfaces in
 aqueous solutions and ionic liquids

13:30 14:00 Prof. Dr. Martin K. Beyer, Universität Innsbruck (AUS)
 Master equation modeling of black-body infrared radiative
 dissociation (BIRD) of water clusters

14:00 14:40 Prof. Dr. Barbara Kirchner, Universität Bonn (GER)
 Molecular level understanding of complex liquids in special situations

14:40 15:00 **Coffee Break**

Session-Chair: M.Sc. Jule Kristin Philipp

15:00 15:40 Prof. Dr. Christian Schröder, Universität Wien (AUS)
 From quantum barriers to reactive molecular dynamics:
 Modelling proton transfers in protic ionic liquids

15:40 16:00 Prof. Dr. Ralf Ludwig, Universität Rostock (GER)
 Closing remarks

January 16th 2026, 9:00 – 16:00, Hörsaal 001, Hörsaalgebäude Chemie, Albert-Einstein-Str. 3A
<https://www.bk2026.uni-rostock.de>