

BUNSEN-KOLLOQUIUM 2026 IN ROSTOCK

SPECTROSCOPY OF COMPLEX SOLVENTS: FROM CLUSTERS TO SOLVATION SCIENCE

PROGRAM

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