

## **Mischa Bonn**

Mischa Bonn, born in 1971 in Nijmegen, the Netherlands, serves as Max Planck Director at the Institute for Polymer Research in Mainz, Germany, where he runs the Department of Molecular Spectroscopy since 2011. Previous to that, he held appointments at the FOM-Institute for Atomic and Molecular Physics (AMOLF) in Amsterdam, and Leiden University. His undergraduate studies in Physical Chemistry at the University of Amsterdam involved statistical mechanics and dynamic light scattering; his PhD from AMOLF / University of Eindhoven (a collaboration of Bakker, Kleyn and vanSanten) involved ultrafast infrared spectroscopy of zeolite catalysts. Post-doc positions on the topics of ultrafast surface dynamics and Terahertz spectroscopy were held at the Fritz Haber (Max Planck) Institute (Wolf/Ertl) and Columbia University (Heinz), respectively. The central theme of Bonn's research is the characterization and control of the structure and dynamics of molecules at interfaces. Typical questions include: How do molecules rearrange at an interface, and how fast can they do so? How does interfacial molecular organization affect charge transfer across that interface? How does interfacial molecular structure affect the reactivity at that interface? To address these challenges, Bonn employs and develops advanced laser-based spectroscopic methods across a wide range of optical frequencies – from Terahertz and infrared through visible to UV.