

Markus Niederberger is Chair of the Laboratory for Multifunctional Materials in the Department of Materials at ETH Zurich. He studied chemistry at ETH Zurich, where he also received his PhD in the group of Prof. Reinhard Nesper. After a postdoctoral stay at the University of California at Santa Barbara with Prof. Galen D. Stucky, he became a group leader at the Max Planck Institute of Colloids and Interfaces in Potsdam working with Prof. Markus Antonietti. In 2007 he was appointed as an Assistant Professor at ETH Zurich, in 2012 promoted to Associate Professor and since January 2017 he is full professor. His research interests are focused on the development of liquid-phase synthesis routes to inorganic nanoparticles with defined sizes, shapes and surface chemistry, the study of their formation mechanisms, and their assembly and processing into macroscopic materials with tailored properties and functionalities for specific applications in energy storage and conversion, optics, gas sensing and (photo)catalysis.