



Volker Schünemann studied physics at the University of Hamburg from 1983 to 1989. After receiving his PhD from the Medical University of Lübeck under Alfred (Ali) X. Trautwein on iron nanoparticles in zeolites in 1993, he went for a one-year postdoctoral fellowship to Northwestern University, Evanston, USA, where he did research on iron-containing zeolite-based Fischer-Tropsch catalysts in the group of Wolfgang M.H. Sachtler. Back at the University of Lübeck, he then changed his research field and studied iron centers in proteins and chemical model complexes using Mössbauer and EPR spectroscopy again in the group of Ali Trautwein. Since 2003 Volker Schünemann is professor at the Department of Physics at the Technical University of Kaiserslautern, where he leads the research group Biophysics and Medical Physics. Besides teaching biophysics and physics, he has established there a state of the art laboratory for Mössbauer Spectroscopy. His group works in the field of characterization of iron-dependent processes in molecular biophysics, chemistry and nanoscience using conventional and synchrotron-based Mössbauer spectroscopy.