Book Contributions

1. **Probing the Nanoworld: Microscopies, Scattering and Spectroscopies of the Solid State,** Eds. K. Urban, C. M. Schneider, T. Brückel, S. Blügel, (Matter and Materials 34, Forschungszentrum Jülich, 2007), ISBN: 3-89336-462-5

   Chapter E6: Niklas Nilius, 'Light Emission Spectroscopy with the STM' p. 1-24.

2. **Thin Film Growth: Physics, Materials Science and Applications**

   Ed. Z. Cao, Chinese Academy of Sciences, (Woodhead Publishing, Oxford, 2011), ISBN: 978-1-84569-736-5

   Chapter 11: Niklas Nilius, 'Electronic properties and adsorption behavior of thin films with polar character' p. 256-287.

3. **Chemical Energy Storage,** Ed. R. Schlögl, (De Gruyter Textbook, Belin, Boston, 2013), ISBN:

   978-3-11-026632-0

   Chapter 4.4: N. Nilius, M. Sterrer, S. Shaikhutdinov, D. Menzel, H-J. Freund, 'Model Systems in Catalysis for Energy Economy', p. 329-352.

4. **Defects at Oxide Surfaces**, Eds. J. Jupille and G. Thornton (Springer Series in Surface Sciences, Vol. 58, Springer, Berlin) ISBN: 978-3-319-14366-8

   Chapter: N. Nilius. M. Sterrer, M. Heyde, H-J. Freund, 'Atomic scale characterization of defects on oxide surfaces', p. 29-80.