

**Current position**

Director at Institute of Energy and Climate Research - Plasma Physics (IEK-4), FZJ and full professor at Ruhr-Universität Bochum (since 2013)

**Previous positions**

Max-Planck-Institut für Plasmaphysik (IPP), Garching, Scientist (1994-2007), Group leader (2007-2013)

Scientific Coordinator (2004-2008) and Coordinator (2008-2010) of the EU FP6 Integrated Project 'ExtreMat – New Materials for Extreme Environments'  
Coordinator of the EU FP7 Coordination Action 'Fusion Energy Materials Science – FEMaS' (2009-2011)

**Scientific degree**

Dr. rer. nat. (PhD) in Chemistry, LMU Munich (1994)  
Habilitation TU Munich (2010)

**Awards, honors, memberships**

Member of the Editorial Boards of "Plasma Science and Technology" (since 2015)  
Member of the Editorial Board of "Nucl. Materials and Energy" (since 2015)  
Member of the International Organizing Committee of the SOFT conf. (since 2013) and of the International Advisory Committee of the ICFRM conf. (since 2015)

**Recent research topics**

Plasma-material interactions, Plasma-facing materials, Surface science

**Publications (5 most important)**

- **Ch. Linsmeier, M. Rieth, J. Aktaa**, T. Chikada, A. Hoffmann et al., Development of advanced high heat flux and plasma-facing materials, *Nucl. Fusion* 57, 092007 (2017) [doi:10.1088/1741-4326/aa6f71](https://doi.org/10.1088/1741-4326/aa6f71)
- **Ch. Linsmeier, B. Unterberg, J.W. Coenen**, R.P. Doerner, **H. Greuner**, et al., Material testing facilities and programs for plasma-facing component testing, *Nucl. Fusion* 57, 092012 (2017) [doi:10.1088/1741-4326/aa4feb](https://doi.org/10.1088/1741-4326/aa4feb)
- **Ch. Linsmeier, M. Reinelt, K. Schmid**, Surface chemistry of first wall materials — from fundamental data to modeling, *J. Nucl. Mater.* 415, S213 (2011) [doi:10.1016/j.jnucmat.2010.08.056](https://doi.org/10.1016/j.jnucmat.2010.08.056)
- **M. Oberkofler and Ch. Linsmeier**, Properties of nitrogen-implanted beryllium and its interaction with energetic deuterium, *Nucl. Fusion* 50, 125001 (2010). [doi:10.1088/0029-5515/50/12/125001](https://doi.org/10.1088/0029-5515/50/12/125001)
- **M. Reinelt**, A. Allouche, **M. Oberkofler, Ch. Linsmeier**, Retention mechanisms and binding states of deuterium implanted into beryllium, *New J. Phys.* 11, 043023 (2009). [doi:10.1088/1367-2630/11/4/043023](https://doi.org/10.1088/1367-2630/11/4/043023)