

Prof. Dr. Friedrich Kremer

Professional Career

since October 2018	Senior Professor
since March 2018	Emeritus
1993 - 2015	University Leipzig, Molecular Physics, Materials Research Spectroscopy, Professor
1985 - 1993	Max-Planck-Institut for Polymer Research Mainz, Polymer-Research, Senior scientist
1978 - 1985	Max-Planck-Institut for Solid State Research Stuttgart, Scientific coworker
1977 - 1978	University Freiburg i. Br., Biological Cybernetics, Scientific coworker
1974 - 1977	University Freiburg i. Br., Ph.D. work, Ph.D. student
1968 – 1973	University München (LMU), Physic Studies, student

Professional Activities

1996 - 2000	Project leader in the Innovationskolleg "Phänomene an der Miniaturisierungsgrenze", University Leipzig
1997 - 2000	Deputy chairman of the Sonderforschungsbereich "Moleküle in Wechselwirkung mit Grenzflächen"
1998 - 2004	Elected reviewer of the Deutsche Forschungsgemeinschaft (DFG) for the topic "Chemie und Physik der Polymere" (2000 - 2003)
1998 - 2008	Director of the Institute of Experimental Physics I
1999 - 2003	Chairman of the section "Chemie und Physik der Polymere" (1999 - 2001) and the section "Chemische Physik/Polymerphysik" (2001 - 2003) of the Deutsche Physikalische Gesellschaft
2007 - 2015	Principal Investigator in the "Leipzig School of Natural Sciences - Building with Molecules and Nano-Objects"
2008 - 2015	Deputy chairman of the SFB-TRR 102 of the Universities of Halle and Leipzig
2009 - 2013	Principal Investigator and Lecturer in the International Research Training Group "Diffusion in Porous Materials"

Prizes and Awards

Dez. 2005	Karl Heinz Beckurts Prize
Okt. 2009	Whitehead Memorial Lecture
Sept. 2011	Wolfgang Ostwald Prize of the German Colloid Society

Membership in Scientific Societies

- Deutsche Physikalische Gesellschaft
- European Physical Society
- Biophysical Society
- American Chemical Society
- Gesellschaft Deutscher Naturforscher & Ärzte
- International Dielectric Society
- Chief Advisory Editor of Colloid & Polymer Science
- Member in the editorial board of
 - Polymers for Advanced Technology
 - Macromolecular Chemistry

Research Expertise/Activities in Research

- Broadband Dielectric Spectroscopy
- Time-resolved FTIR-Spectroscopy