

Dr. Manfred S. Weiss

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Macromolecular Crystallography (HZB-MX)
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Curriculum vitae

since 2016 Head of Macromolecular Crystallography Group at HZB
2009 - 2015 Scientist and co-head of Macromolecular Crystallography group at HZB
2001 - 2009 Team Leader at EMBL Hamburg Outstation
1996 - 2001 Senior Research Assistant at IMB Jena (group of Prof. R. Hilgenfeld)
1992 - 1996 Postdoctoral scientist with Prof. David Eisenberg (UCLA, USA)
1992 Dr. rer. nat., Albert-Ludwigs-Universität Freiburg i. Br.
1989 - 1992 Doctoral student in the group of Prof. Dr. Georg E. Schulz (Albert-Ludwigs-Universität Freiburg i. Br.)
1989 Diploma in Chemistry, Albert-Ludwigs-Universität Freiburg i. Br.
1982 - 1989 Student of Chemistry, Albert-Ludwigs-Universität Freiburg i. Br. and University of Massachusetts at Amherst (MA, USA)

Research fields

- Structural biology of biologically relevant macromolecules
- Development of crystallographic fragment-screening as a tool in MX
- Methods development on the use of longer X-ray wavelengths in MX

Selected activities in the scientific community, honors, awards

since 2014 Member of the IUCr Commission on Biological Macromolecules
2012 - 2017 Member of the Scientific Advisory Committee (SAC) of the ESRF
since 2011 Member of the IUCr Commission on Crystallographic Teaching
since 2010 "Lehrauftrag" from the Free University Berlin
2008 - 2017 Section Editor of Acta Crystallographica Section F
since 2007 Organizer of the DGK-AK1 Workshops "*Diffraction Data Collection Using Synchrotron Radiation*"
2006 – 2009 Spokesperson of the DGK Working Group 1 "*Biological Structures*"
2002 – 2014 Co-Editor of Acta Crystallographica Section D
1998 Founder of the "*Heart of Europe Meetings on Bio-Crystallography*"
1992-1994 EMBO long-term postdoctoral fellow

Publications, book chapters, editorial

- 133 peer-reviewed publications
- 6 book chapters
- 24 editorials
- 13 other publications
- Total H-index = 39