

Prof. Dr. rer. nat. Edgar Weckert

1960	Year of birth
1979-1984	Studies in Materials Science at Universität Erlangen-Nürnberg
1988	Ph.D. in crystallography at Universität Erlangen-Nürnberg
1997	Habilitation at the physics faculty of Universität Karlsruhe (TH)
1997-2000	Lecturer at Universität Karlsruhe (TH)
since 2000	Leading senior scientist at DESY
2001-2005	Lecturer Universität Hamburg
since 2005	Professor (according to §17 of Hamburgisches Hochschulgesetz) at Universität Hamburg
2008	Acting Director for Photon Science at DESY
since 1. Jan. 2009	Director for Photon Science at DESY
since July 2009	Member of the board of directors of the Helmholtz Institute Jena

Scientific interests

X-ray physics, multi-beam diffraction, phase problem in crystallography, Precise determination of crystal structures, Radiation damage in proteins, Application of free-electron laser radiation for the determination of non periodic structures

Publications: more than 120 in peer reviewed journals

Advisory boards

- Member of the Science Advisory Committee of ESRF (Chair), (ESRF, Grenoble)
- Member of the PAL International Advisory Committee (Chair), (PAL, Phoang)
- Member of the Scientific Advisory Board of the Center of Synchrotron Radiation (DELTA) at the TU Dortmund University
- Member of the International Scientific Advisory Committee of the Courant Research Center "Nano-Spectroscopy and X-ray Imaging" at University of Göttingen

Awards

Max-von-Laue-Award of Deutsche Gesellschaft für Kristallographie (1996)