



Curriculum Vitae Prof. Dr. Stefan W. Hell



Name: Stefan W. Hell
Born: 1962

Main research interests: STED microscopy and related concepts

Stefan Hell is a physicist. He pioneered breaking the diffraction barrier in a light microscope using conventional lenses. In 2014, he was honoured by the Nobel Prize in Chemistry “for the development of super-resolved fluorescence microscopy” together with Eric Betzig and William E. Moerner.

Academic and Professional Career

2004 Hon. Prof., Faculty of Physics, University of Göttingen

since 2003 Head of the Optical Nanoscopy Division, German Cancer Research Center (DKFZ), Heidelberg

since 2003 Adj. Prof., Faculty of Physics, University of Heidelberg

since 2002 Member and Director, Max Planck Institute for Biophysical Chemistry

1997 - 2002 Group leader, Max-Planck-Institute for Biophysical Chemistry Göttingen, Germany

1996 Habilitation in Physics, Univ. Heidelberg

1994 Visiting Scientist, Dept. Engineering Science, Oxford University, UK

1993 - 1996 Principal Scientist, Laser Microscopy Group; University of Turku, Finland

1991 - 1993 Postdoctoral Researcher, EMBL (European Molecular Biology Laboratory)

1990 Doctorate in Physics, University of Heidelberg

1981 - 1987 Physics studies, University of Heidelberg

Functions in Scientific Committees

since 2020 Member of the Senate of the Max Planck Society
Nationale Akademie der Wissenschaften Leopoldina
www.leopoldina.org

since 2009 Spokesperson, DFG Center Molecular Physiology of the Brain Göttingen

since 2007 Board of trustees, X-LAB, Göttingen

2007 - 2010 Board of trustees, Niedersachsen Foundation for Innovation

since 2005 Secretary of the International Society on Optics Within Life Sciences (OWLS)

since 2003 Associate Member, European Neuroscience Institute (ENI), Göttingen

since 2003 Board of directors, Laser Laboratorium Göttingen e.V.

since 2002 Scientific Member of the Max Planck Society, Biomed. and Chem.-Phys.-Techn. Section

Honours and Awarded Memberships

2015 Verdienstorden des Landes Baden-Württemberg

2015 Glenn T. Seaborg Medal of the University of California, Los Angeles (UCLA), USA

2014 Nobel Prize in Chemistry

2014 Kavli Prize in Nanoscience

2014 Carus-Preis, City of Schweinfurt

2013 Carus Medal of Leopoldina, German National Academy

2013 Doctor honoris causa, Politehnica University of Bucharest, Romania

2012 Romanian Academy, member of honor

2012 Science Prize of the Fritz Behrens Foundation

2011 Doctor honoris causa, Vasile Goldis University, Arad, Romania

2011 Hansen Family Award

2011 Körber European Science Prize (Physical Sciences)

2011 Gothenburg Lise Meitner Prize 2010/2011

2011 Meyenburg Prize for Cancer Research

2010 Ernst-Hellmut-Vits-Prize

2009 Heidelberg Academy of Sciences and Humanities, external member

2009 Doctor honoris causa, University of Turku, Finland

2009 Otto Hahn Prize in Physics

2008 Gottfried Wilhelm Leibniz Prize of the German Research Council (DFG)

2008 Lower Saxony State Award (Niedersächsischer Staatspreis)

2007 Göttingen Academy of Sciences and Humanities, regular member

2007	Julius Springer Prize for Applied Physics
2007	Cozzarelli Prize awarded by the Proc. Natl. Acad. Sc. USA
2006	Innovation Award of the German President (Zukunftspreis des Bundespräsidenten)
2004	Gottlieb Daimler- and Karl Benz Prize, Berlin Brandenburg Academy of Sciences
2002	Karl-Heinz Beckurts Prize
2002	Carl Zeiss Research Award of Ernst Abbe Fonds
2002	Innovation Award of Leibinger-Foundation
2001	Helmholtz Prize for metrology (co-recipient)
2000	ICO Prize, International Commission for Optics (ICO)

Main Research Interests

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