



Curriculum Vitae Professor Dr. Theodor W. Hänsch

Name: Theodor W. Hänsch

Born: 30 October 1941

Nobel Prize in Physics 2005



Academic and Professional Career

- since 1986 Director at the Max Planck Institute of Quantum Optics, Garching; Professor of Physics, University of Munich
- 1975 - 1986 Professor of Physics, Stanford University, USA
- 1972 - 1975 Associate Professor of Physics, Stanford University, USA
- 1969 - 1970 Assistant Professor, University of Heidelberg

Functions in Scientific Societies and Committees (Selection)

- since 2009 Scientific Advisory Board Member IQOQI, Innsbruck & Wien, Austria
- since 2009 Chairman, Intl. Science Council King Abdullah Institute of Nanotechnology
- since 2009 Chairman, Selection Committee BBVA Foundation Frontiers of Knowledge Award in Basic Sciences, Spain
- since 2007 Research Council (Forschungsausschuss), University of Munich
- since 2006 Directive Council (Kuratorium), Deutsches Museum, Munich
- since 2005 SUPA Advisory Committee, Scottish Universities Physics Alliance, Scotland

2004	Assessment Committee, Physics Research, Universiteit van Amsterdam and Vrije Universiteit Amsterdam, the Netherlands
2004 - 2009	Advisory Board, Center for Quantum Optics and Quantum Information, Austrian Academy of Sciences
since 1999	Advisory Board, Physikalisch-Technische Bundesanstalt, Braunschweig
1997	Arthur L. Schawlow Prize Committee (APS)
since 1996	Scientific Advisory Board, Max Born Institute, Berlin
1994 - 1996	STAC Committee, VIRGO Gravitational Wave Observatory
since 1993	King Faisal International Prize Committee
since 1993	Executive Council, LENS, Florence, Italy

Honours and Awarded Memberships (Selection)

2011	Honorary Membership, Germany Physical Society (DPG)
2010	Honorary Professor, National Chiang Tung University, Hsinchu, Taiwan
2010	Honorary Chair Professor, University System of Taiwan
2010	Advanced Grant, European Research Council
2008	Honorary Doctorate, Bar-Ilan University, Tel Aviv, Israel
2008	Orden pour le Mérite for Sciences and Arts
2007	Medal De Scientia et Humanitate Meritis , Acad. Sci., Czech Republic
2006	Grand Officer Cross (Order of Merit), Italy
2006	Honorary Doctorate (Dr. rer. nat. h. c.), Free University Berlin
2006	Honorary Doctorate (Doctor of Science), University of St. Andrews, UK
2006	Ioannes Marcus Marci Medal, Czech Spectroscopic Society, Czech Republic
2006	Order of Merit, Germany
2006	Rudolf Diesel Gold Medal, German Institute of Interventions
2006	Carl Friedrich von Siemens Prize and Chair
2005	I. I. Rabi Award, IEEE

- 2005 Frederic Ives Medal, Optical Society of America
- 2005 Otto Hahn Prize
- 2005 Bambi Award, Burda Media
- 2005 Nobel Prize in Physics, jointly with Prof. J. L. Hall and Prof. R. Glauber
- 2003 Bavarian Maximilian Order for Science and Art
- 2002 Matteucci Medal, Italian National Academy of Sciences
- 2002 Alfried Krupp Prize for Science

Major Scientific Interests

His current research in the area of laser physics, laser spectroscopy, AMO-physics and quantum optics is directed at the interface between fundamental physics research and advanced optoelectronic technologies. Projects include precision spectroscopy of hydrogen and exotic hydrogen-like atoms, novel applications of femtosecond laser frequency combs, and experiments with mesoscopic quantum systems.