REINHARD GENZEL

Curriculum Vitae

Date of Birth:	24th March 1952
Place of Birth:	Bad Homburg v.d.H., Germany
Nationality:	German
Residence:	Munich, Germany and Berkeley, USA
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Present Positions

Director at the Max Planck Institute for Extraterrestrial Physics, Garching, Germany, and Scientific Member of the Max Planck Society
Professor of the Graduate School, Physics and Astronomy, University of California, Berkeley, California, USA
Honorary Professor at the Ludwig Maximilian University, Munich, Germany.

Main Research Interests

Cosmological Formation and Evolution of Galaxies, Massive Black Holes, Star Formation in Galaxies, The Galactic Center, Infrared, Submillimeter and Millimeter Spectroscopy and High Resolution Imaging, Adaptive Optics, Radio and Infrared Spatial Interferometry, Development of Infrared Instrumentation for Ground-Based and Space Telescopes.

Educational Background

1970	Abitur at Bertold Gymnasium in Freiburg, Germany
1975	Diploma in Physics, Physics Department, University of Bonn, Germany
1978	Ph.D. (Dr.rer.nat.) in Physics, University of Bonn: Ph.D. thesis in radio astronomy (interstellar masers) at the Max Planck Institute for Radioastronomy, Bonn, Germany (under Prof.Peter Mezger)

Employment Background

1978-80	Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics Postdoctoral Fellow, Cambridge, Massachusetts, USA
1980-82	Miller Fellow University of California, Berkeley, USA
1981-85	Associate Professor, Department of Physics, and Associate Research Astronomer, Space Sciences Laboratory, University of California, Berkeley, USA
1985-86	Full Professor of Physics, University of California, Berkeley, USA
since 1986	Director at the Max Planck Institute for Extraterrestrial Physics, Garching, and Scientific Member of the Max Planck Society, Munich, Germany
1987-1999	Visiting Professor, Department of Physics, University of California, Berkeley, USA
since 1988	Honorary Professor at the Ludwig Maximilian University, Munich, Germany
1999-2016	Full Professor (25%), Department of Physics, University of California, Berkeley, USA
since 2017	Professor of the Graduate School, Department of Physics, University of California, Berkeley, USA

Awards and Honors

1970 Alfred Maul Medal, Bertold Gymnasium, Freiburg, Germany
1973 Scholarship of the "Studienstiftung des Deutschen Volkes", Germany
1980 Otto Hahn Medal of the Max Planck Society for the Year 1978, Germany
1980 Miller Fellowship, University of California, Berkeley, USA
1984 Presidential Young Investigators Award, USA
1985 Fellow, American Physical Society, USA
1986 Newton Lacy Pierce Prize, American Astronomical Society, USA
1990 Leibniz Prize of the German Science Foundation (DFG), Germany
1998 Foreign Member, Académie des Sciences, Paris, France
2000 de Vaucouleurs Medal, University of Texas, Austin, USA
2000 Foreign Associate, US National Academy of Sciences, USA
2000 Janssen Prize, Société Astronomique de France, Paris, France
2002 Member of the German Academy of Natural Sciences Leopoldina, Halle, Germany
2002 Member of the European Academy of Sciences, Liège, Belgium
2003 Stern Gerlach Medal of the German Physical Society (DPG), Germany
2003 Member of the Bavarian Academy of Sciences, Munich, Germany
2003 Balzan Prize for 'Infrared Astronomy', Bern, Switzerland/Italy
2005 Petrie Prize, Canadian Astronomical Society, Canadian Astronomical Society (CASCA), Victoria, Canada
2007 Einstein Medal, Albert Einstein Society (AEG), Bern, Switzerland
2008 Shaw Prize, The Shaw Prize Foundation, Hong Kong, China
2009 Premio Galileo, Fondazione Premio Galileo 2000, Firenze, Italy
2010 Honorary Doctorate, Leiden University, Leiden, Netherlands
2010 Foreign Corresponding Member, Real Academia de Ciencias (Royal Spanish Academy), Madrid, Spain
2011 Karl Schwarzschild Medal, German Astronomical Society (AG), Germany
2012 Crafoord Prize in Astronomy, Royal Swedish Academy of Sciences, Sweden
2012 Tycho Brahe Prize, European Astronomical Society (EAS), Switzerland
2012 Foreign Member, Royal Society, London, UK
2013 Order pour le Mérite (OPLM), Bonn, Germany
2014 Herschel Medal of the Royal Astronomical Society, London, UK
2014 Great Cross of Merit (with Star) of Federal Republic of Germany, Berlin, Germany
2014 Honorary Doctorate (Dr.h.c.), Paris Observatory (OPSPM), Paris, France
2014 Harvey Prize in Science and Technology, Technion Israel Institute of Technology, Haifa, Israel
2020 Nobel Prize in Physics, jointly with Andrea Ghez, for the discovery of a supermassive compact object at the centre of our galaxy
2021 Bavarian Maximilian Order for Science and Art
2022 Heinrich Hertz Visiting Professorship, Karlsruhe, Germany
2023 Honorary Doctorate (Dr.h.c.) Université Grenoble Alpes, France
2025 Rector's Medal, Universidad de Chile, Santiago, Chile
2026 Ioannes Marcus Marci Medal, Prague, Czech Republic

Prize Lectures

1987 Spring Lecturer, Princeton University, USA
1998 Kingsley Professor, Caltech (California Institute of Technology), USA
1998 Lyman Spitzer Lecturer, Princeton University, USA
2000 Sackler Lecturer, Princeton University, USA
2000 Oort Professor, University of Leiden, NL
2004 Iben Lecturer, University of Illinois, USA
2005 Rossi Lecturer, Arcetri (Astrophysical Observatory), Italy
2005 Grubb Parsons Lecturer, University of Durham, UK
2005 Wolfgang Pauli Lecturer, 100 years 'annus mirabilis', ETH Zürich, Switzerland
2006 Celsius Lecture, University of Uppsala, Sweden

2006 Invited Discourse, 26th General Assembly of the International Astronomical Union, Prague, Czech Republic
2007 George Darwin Lecture, Royal Astronomical Society, London, UK
2008 Bishop Lecture, Columbia University, USA
2008 Einstein Lecturer, Free University, Berlin-Dahlem, Germany
2008 Sackler Lecture, University of Cambridge, UK
2009 Svein Rosseland Lecture, University of Oslo, Oslo, Norway
2010 Cecelia Payne-Gaposhkin Lecture, Harvard Smithsonian Center for Astrophysics, Cambridge, USA
2010 Jansky Lecturer, National Radio Astronomy Observatory, Charlottesville, USA
2011 West Lecturer, Queen's University of Belfast, Northern Ireland, UK
2011 Littrow Lecturer, Austrian Academy of Sciences, Vienna, Austria
2012 Crafoord Prize Lecture, Kungl. Vetenskaps Akademien, Lund University, Lund, Sweden
2014 Kavli Lecturer, Norwegian Academy of Sciences, Oslo, Norway
2015 Harvey Prize Lecturer, Technion, Haifa, Israel
2015 Thomas Gold Lectureship in Astronomy, Cornell University, Ithaca, USA
2015 Solvay Lecturer, The Solvay Institutes, Brussels, Belgium
2017 Rosenblum Memorial Lecture, University of Jerusalem, Jerusalem, Israel
2020 Nobel Lecture in Physics, Nobel Foundation, Stockholm, Sweden
2021 Hans-Jensen Lecture, University of Heidelberg, Heidelberg, Germany
2021 Lindau Public Lecture, Lindau Nobel Laureate Conference, Lindau, Germany
2021 Jean Henley Memorial Lecture, Deutsche Gesellschaft fuer Anasthesiologie and Intensive Medicine, Berlin, Germany
2021 ESO celebrating the Nobel Prize of Physics 2020, Chile
2023 Bernhard Bolzano Lecture, Charles University, Prague, Czech Republic
2026 Ioannes Marcus Marci Medal, Prague, Czech Republic

Memberships

Academia Europaea (AE)
Académie des Sciences (Institut de France), Foreign Member
American Astronomical Society (AAS)
American Physical Society (APS)
European Astronomical Society (EAS)
German Astronomical Society (AG)
German Physical Society (DPG)
International Astronomical Union (IAU)
Royal Society, London (Foreign Member)
Royal Spanish Academy of Sciences (Real Academia de Ciencias, Foreign Corresponding Member)
USA Academy of Sciences (NAS), International Member
Pontifical Academy of Sciences (PAS) Academician Member
European Academy of Sciences (EurASC) Honorary Member
Bundesverband mittelständische Wirtschaft e.V.(BVMW)
Deutsches Museum Munich, Board Member
Albert Einstein Discovery Center Ulm e.V, Honorary Member

Current Service

Vice Chancellor, Order pour le Mérite (OPLM), Bonn, Germany (since 6/2021)
Chairman of the Board of Adjudicators, The SHAW Prize Foundation, Hong Kong, China (since 04/2022)
Chair, SHAW Prize Committee in Astronomy & Member, Board of Adjudicators, Hong Kong, China (-2021)
Member, IRAM Executive Council, Grenoble, France
Member of various Visiting Committees
Member, Advisory Board MPWG-History-MPG, Berlin, Germany
Member Advisory Board, Austrian Academy of Sciences, Vienna, Austria
Member, Advisory Board JAXA-SPICA, Tokyo, Japan

Member, several hiring committees of the Max Planck Society, Germany
Member, LBT Board, USA
Member, Advisory Board DNRF Center of Gravity, Denmark
Reviewer, Astrophysical Journal, Astronomy & Astrophysics, German Science Foundation (DFG), Nature, US National Science Foundation, NOVA (The Netherlands), German Academy Leopoldina, Swiss National Fond., Smithsonian Institution, Swedish Research Council, Australian Research Council

Teaching

University of California, Berkeley, Dept. of Physics
International Research School for Astrophysics at the University of Munich (IMPRS)