

# REINHARD GENZEL

## Curriculum Vitae

Date of Birth: 24<sup>th</sup> March 1952  
Place of Birth: Bad Homburg v.d.H., Germany  
Nationality: German  
Residence: Munich, Germany and Berkeley, USA  
Business Address: Max-Planck Institute for Extraterrestrial Physics  
Giessenbachstrasse  
85748 Garching  
Germany  
Phone: +49-89-30000-3280  
Fax: +49-89-30000-3601  
E-mail: [genzel@mpe.mpg.de](mailto:genzel@mpe.mpg.de), [genzel@socrates.berkeley.edu](mailto:genzel@socrates.berkeley.edu)  
Internet: <http://www.mpe.mpg.de/ir>

### Present Position

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

### Main Research Interests

Massive black holes and star formation in galaxies, Galactic Center, galaxy formation and evolution, infrared/submillimeter/millimeter spectroscopy and high resolution imaging, spatial interferometry.

### Educational Background

1970 Abitur at Bertold Gymnasium in Freiburg, Germany  
1975 Diploma in physics, Physics and Astronomy Department, University of Bonn, Germany  
1978 Ph.D. in physics and astronomy, University of Bonn: Ph.D. thesis in radio astronomy (interstellar masers) at the Max Planck Institute for Radioastronomy, Bonn, Germany

### 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  
since 1999 Full Professor (25%), 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  
1986 Newton Lacy Pierce Prize, American Astronomical Society  
1990 Leibniz Prize of the German Science Foundation (DFG)  
1998 Foreign Member, Académie des Sciences (France)  
2000 de Vaucouleurs Medal, University of Texas, Austin, USA  
2000 Foreign Associate, US National Academy of Sciences

2000	Janssen Prize, Société Astronomique de France
2002	Member of the German Academy of Natural Sciences Leopoldina, Halle, Germany
2002	Member of the European Academy of Sciences
2003	Stern Gerlach Medal of the German Physical Society (DPG)
2003	Member of the Bavarian Academy of Sciences
2003	Balzan Prize for 'Infrared Astronomy', Switzerland/Italy
2005	Petrie Prize, Canadian Astronomical Society, Canada
2007	Einstein Medal , Albert Einstein Society (AEG), Bern, Switzerland
2008	Shaw Prize, The Shaw Prize Foundation, Hong Kong
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
2010	Jansky Lecture & Prize, National Radio Astronomy Observatory, Charlottesville, USA
2011	Karl Schwarzschild Medal, German Astronomical Society (AG)
2012	Crafoord Prize in Astronomy, Royal Swedish Academy of Sciences, Sweden

### 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
2006	Celsius Lecture, University of Uppsala, Sweden
2007	George Darwin Lecture, Royal Astronomical Society, London, UK
2008	Bishop Lecture, Columbia University, USA
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 Lecture, National Radio Astronomy Observatory, Charlottesville, USA
2011	West Lecture, Queen's University of Belfast, Northern Ireland, UK

### Memberships

Academia Europea  
American Astronomical Society  
German Astronomical Society (AG)  
German Physical Society (DPG)  
International Astronomical Union  
Royal Astronomical Society (Associate)

### Current Service

Chair, IRAM Executive Council, Grenoble, France  
Member of several Visiting Committees: SRON (The Netherlands),  
Harvard University Astronomy Department (Cambridge, USA, ASIAA (Taiwan))  
Member, several hiring committees of the Max Planck Society, Germany  
Member, UCB Space Sciences Advisory Committee, Berkeley, USA  
Member, ESO Extremely Large Telescope Standing Review Committee, Garching, Germany  
Member, External Review Board Thirty Meter Telescope Project  
Reviewer, Astrophysical Journal, Astronomy & Astrophysics, German Science Foundation (DFG), 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)