Prof. Dr. Pascale Ehrenfreund

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Languages: German, English, French, Dutch

Academic Education

2008	**M.A. Management & Leadership** Webster University • GPA: 3.83 • Title*: Managing Global Space Exploration*
1999	**Habilitation in Astrochemistry** University of Vienna • Title: *Cosmic Dust*
1990	**PhD Astrophysics** University Paris VII, Groupe de Physique des Solides, and University of Vienna • Graduated with excellent grades • Title: *Visible and Infrared Spectroscopic Studies of Polycyclic Aromatic Hydrocarbons and other Carbon Clusters*
1988	**M.S. Molecular Biology** Austrian Academy of Sciences, Institute of Molecular Biology, Salzburg • Graduated with excellent grades • Title: *Purification and properties of an Iminopeptidase from Streptomyces plicatus*
1983-1988	**Astronomy and Biology/Genetics** University of Vienna • Graduated with excellent grades (10/10)

Professional Experience

2015-	**Chair of the Executive Board,** German Aerospace Center
2013-2015	**President**, Austrian Science Fund FWF
2008-	**Research Professor**, Space Policy & International Affairs, Elliott School of International Affairs, George Washington University, USA
2008-2017	**Investigator**: NASA Astrobiology Institute, Node Wisconsin
2006-	**Professor**, Astrobiology, University of Leiden, NL
2005-2008	**Distinguished Visiting Scientist/Consultant**, JPL/Caltech, Pasadena, USA
2004-2005	**Professor**, Astrobiology, University of Leiden, Institute of Chemistry, NL
2003-2004	**Professor**, Astrobiology, University of Amsterdam, NL

Research Expertise: *Astrophysics, Astrochemistry, Astrobiology, Space Policy*

Citation Index: h=65 >13000 citations (Google Scholar) 2018
Publications in peer-reviewed journals: 194, Invited reviews, book chapters and conference papers: 134
Edition of books: 12

Memberships in Academies and Committees

2018	**Chair,** European Space Research Establishment ESRE
2018-	**Incoming President**, International Astronautical Federation IAF
2018-	**Chancellor**, International Space University
2018	**Honorary Member,** Académie de l'Air et de l'Espace
2016-	**Vice President,** International Astronautical Federation: Communication, Publications and Global Conferences
2016-2018	**Vice Chancellor**, International Space University
2015-	**Vice President**, Helmholtz Association (Aeronautics-Space-Transportation)
2015-	**Board of Trustees**, Universities Space Research Association USRA, Region III
2010-2019	**Chair,** Committee on Space Research COSPAR Panel on Exploration PEX

Space Research Responsibilities

2014-2018	**FP7 Framework Consortium**: MASE Mars Analogues for Space Exploration
2011-2014	**Science Team Member**, *MarcoPolo-R Asteroid Sample Return,* ESA Cosmic Vision M3
2010-2015	**Science Team Member**: OREOcube, International Space Station
2010-2015	**Science Team Member**: *EXPOSE-R2*, International Space Station launched
2008-2013	**NASA Project Scientist**: *O/OREOS satellite*
2005-2015	**Science Team Member:** *Mars Organic Molecule Analyser*, ExoMars
2005-2012	**Science Team Member**: *Life Marker Chip*, ExoMars
2003-2009	**NASA Deputy Principal Investigator:** *Urey Life Detection Instrument*, ExoMars
2000-2010	**Principal Investigator**: *RCL- Recognized Cooperating Laboratory*, Mars-Express
2000-2006	**Co-Investigator**: *Advanced Microcamera Imaging Experiment*, SMART-1 **Coordinator**: Ground-based astronomical campaign: SMART-1 lunar impact
2000-2007	**Principal Investigator**: *Photostability of complex organics in space*, BIOPAN V
1996-2013	**Principal Investigator**: *Evolution of organic matter in space*, EXPOSE-R
1996-	**Science Team**: *Evolved Gas Analyser COSAC, Micro-Imaging Dust Analysis System* MIDAS, **Rosetta, Comet rendezvous mission**
1994-2000	**Science Team**, **Infrared Space Observatory ISO**: *Solid state database for ISO*
1991-1993	**Interface Scientist**: *Aerosol Collector Pyrolyser,* Cassini-Huygens

Prizes & Awards

2013	NASA Astrobiology Institute
2011	NASA Group Achievement Award for the O/OREOS satellite mission
2007	NASA Astrobiology Institute
2001	Pastoor-Schmeits Prize for Astronomy, NL
2001	New Impulse grant, Dutch Government
1999	Asteroid 9826 Ehrenfreund 2114 T-3
1996	APART Prize, Austrian Academy of Science