

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
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Research Expertise

Astrophysics, Astrochemistry, Astrobiology, Space Policy

Citation Index: h=64 >13000 citations (Google Scholar) 2018

Publications in peer-reviewed journals: 192

Invited reviews, book chapters and conference papers: 134

Edition of books: 12

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

Space Research Responsibilities

2014-2018	FP7 Framework Consortium: MASE Mars Analogues for Space Exploration
2011-2014	Science Team Member, <i>MarcoPolo-R Asteroid Sample Return</i> , ESA Cosmic Vision M3
2010-2015	Science Team Member: OREOcube, International Space Station scheduled for 2016-17
2010-2015	Science Team Member: <i>EXPOSE-R2</i> , International Space Station launched for 2014
2008-2013	NASA Project Scientist: <i>O/OREOS satellite</i>
2005-2015	Science Team Member: <i>Mars Organic Molecule Analyser</i> , Exomars 2018
2005-2012	Science Team Member: <i>Life Marker Chip</i> , Exomars 2018
2003-2009	NASA Deputy Principal Investigator: <i>Urey Life Detection Instrument</i> , Exomars 2018
2000-2010	Principal Investigator: <i>RCL- Recognized Cooperating Laboratory</i> , Mars-Express
2000-2006	Co-Investigator: <i>Advanced Microcamera Imaging Experiment</i> , SMART-1 Coordinator: Ground-based astronomical campaign: SMART-1 lunar impact
2000-2007	Principal Investigator: <i>Photostability of complex organics in space</i> , BIOPAN V 2005
1996-2013	Principal Investigator: <i>Evolution of organic matter in space</i> , EXPOSE-R, retrieved 2011
1996-	Rosetta, Comet rendezvous mission Science Team: <i>Evolved Gas Analyser COSAC</i> Science Team: <i>Micro-Imaging Dust Analysis System MIDAS</i>
1994-2000	Infrared Space Observatory ISO (1994-2000): <i>Solid state database for ISO</i>
1991-1993	Interface Scientist: <i>Aerosol Collector Pyrolyser</i> , Cassini-Huygens

Memberships in Academies and Committees

2016-	Vice President, International Astronautical Federation: Communication, Publications and Global Conferences
2016-	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-	Chair, Committee on Space Research COSPAR Panel on Exploration PEX