



Prof. Dr. Pascale Ehrenfreund

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Washington, DC 20052, USA

Asteroid 9826 Ehrenfreund 2114 T-3

Languages: German, English, French, Dutch

Academic Education

- 2008 **M.A. Management & Leadership**
Webster University
- Title: *Managing Global Space Exploration*, GPA: 3.83
- 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

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 **Lead 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*

Publications in peer-reviewed journals: 200

Invited reviews, book chapters and conference papers: 134

Edition of books: 12

Memberships in Academies and Committees (since 2010)

2019-	President , International Astronautical Federation IAF
2018-	Chair , European Space Research Establishment ESRE
2018-	Chancellor , International Space University
2018	Honorary Member , Académie de l'Air et de l'Espace
2016-2019	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 : <i>MarcoPolo-R Asteroid Sample Return</i> , ESA Cosmic Vision M3
2010-2015	Science Team Member : OREOCube, International Space Station
2010-2015	Science Team Member : <i>EXPOSE-R2</i> , International Space Station
2008-2013	NASA Project Scientist : <i>O/OREOS satellite</i>
2005-2015	Science Team Member : <i>Mars Organic Molecule Analyser</i> , ExoMars
2005-2012	Science Team Member : <i>Life Marker Chip</i> , ExoMars
2003-2009	NASA Deputy Principal Investigator : <i>Urey Life Detection Instrument</i> , ExoMars
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
1996-2013	Principal Investigator : <i>Evolution of organic matter in space</i> , EXPOSE-R
1996-	Science Team : <i>Evolved Gas Analyser COSAC</i> , <i>Micro-Imaging Dust Analysis System MIDAS</i> ; Rosetta, Comet rendezvous mission
1994-2000	Science Team, Infrared Space Observatory ISO : <i>Solid state database for ISO</i>
1991-1993	Interface Scientist : <i>Aerosol Collector Pyrolyser</i> , Cassini-Huygens

Prizes & Awards

2020	Jean Dominique Cassini Medal , European Geophysical Union
2019	Chevalier of the Legion of Honour , France
2011	NASA Group Achievement Award for the O/OREOS satellite mission
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