

Curriculum Vitae

Jonathan Peter Merrison
Date of Birth: 4 May 1967
Nationality: British

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Employment

2000-2024- Senior Scientist Responsible for the Planetary Environment Facilities at the Institute of Physics and Astronomy (IFA), University of Aarhus, Denmark
1996-2000 Positron Expert Responsible for the Aarhus Slow Positron Facility (IFA)
1994-1996 European Individual Fellowship, CERN related Antihydrogen Collaboration.
1992-1994 Postdoctoral Research Fellowship supported by the Danish Research Council

Education

1989-1992 Ph.D. Experimental Positron Physics at University College London,
1991 6 month research grant (Danish Research Academy) related to Ph.D. project.
1988-1989 M.Sc. Space Science, University College London
1985-1988 B.Sc. Hons. Physics with Astrophysics, Kings College London

Current International Scientific Collaborations/Responsibilities

- Member of EUROPLANET 2024 RI, European Planetology network; (EU funded)
- Member of the Europlanet Society
- Royal Belgian Institute for Space Aeronomy
- DLR; Martian Polar Ice
- ESPCI, France, Sand transport on Mars
- Cornell Uni., USA, Mars Wind Flow Instrumentation
- INAF – OAC, Italy; Mars dust sensor ExoMars2020

Research Focus and expertise

- Aerosol Science
- Planetology
- Atmospheric
- Electrification
- Vacuum technology
- Cryogenics
- Granular materials

Recent Leadership and Funding Activities

- Planetary Simulation Laboratory (leader), **ESA Ground Based Facility**
- Coordinator for Transnational access (laboratories) Europlanet 2024 RI
- 2020-2024 EU H2024 (10 Meuros)
- 2020-2023 EU H2020 (3 Meuros)
- 2014-2018 EU FP7 (5.0 Meuros)
- 2015-2019 EU H2020 (10 Meuros)

Links/Outreach

- Planetary Simulation Facilities; [Planetology research and industrial testing in Mars environment \(au.dk\)](#)
- [Open Space Innovation Platform - OSIP - Channel: SciSpacE CORA - Ground-Based Facility \(GBF\) \(esa.int\)](#)
- Europlanet 2024 RI; <https://www.europlanet-society.org/europlanet-2024-ri/>
- Europlanet Society; <https://www.europlanet-society.org/>
- ROADMAP <https://roadmap.aeronomie.be/index.php>
- Vertigo <http://www.vertigo-itn.eu/>

Publications

106 Peer Reviewed Papers (H-index 28). ORCID ID; 0000-0003-4362-6356
ResearcherID is: L-6524-2018. SCOPUS Author ID: 6603877310.