

Dr. John E. P. Connerney

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Present Position	2016 – Present, Space Scientist, Space Research Corporation, Annapolis MD. (at NASA Goddard Space Flight Center, Greenbelt, MD 20771).	
Employment	1980 – 2016, Astrophysicist, Space Scientist, National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, MD 20771. 1979 – 1980, National Academy of Sciences/National Research Council Research Associate (NASA Goddard Space Flight Center, Greenbelt, MD 20771). 1974 – 1979, Graduate Research Associate, Cornell University, Ithaca NY.	
Education	1972 – B.S., Engineering Physics 1979 – Ph.D., Applied and Engineering Physics	Cornell University Cornell University
Research Interests	<ul style="list-style-type: none">▪ Planetary magnetic fields, planetary magnetospheres, ionospheres, and ring systems.▪ Magnetometry, instruments and methods for magnetic field measurement.▪ Generalized inverse theory, linear systems analysis.▪ Geophysics and planetary physics.▪ Observational astronomy.	
Research Experience	<ul style="list-style-type: none">▪ Deputy Principal Investigator, Juno New Frontier Mission to Jupiter.▪ Investigation Lead, and Co-Investigator, Juno Magnetic Field Investigation.▪ Co-Investigator, Voyagers 1 & 2 Magnetic Field Investigations.▪ Instrument Lead, and Co-Investigator, MAVEN Magnetometer Investigation.▪ Co-Investigator, Mars Global Surveyor Magnetic Field Investigation.▪ Co-Investigator, Mars Observer Magnetic Field Investigation.▪ Co-Investigator, Tethered Satellite Magnetic Field Investigation.▪ Principal Investigator and Co-Investigator, astronomical observations of Jupiter and Saturn using NASA's Infrared Telescope Facility, the W. M. Keck Observatory, and the Hubble Space Telescope.▪ Principal Investigator and Co-Investigator, numerous research programs in NASA's Science Mission Directorate (SMD): Discovery, New Frontiers, Mars Scout, Mars Exploration, Planetary Astronomy and Planetary Atmospheres Programs.	
Honors	2021 – NASA Medal for Exceptional Scientific Achievement 2019 – W. Ian Axford Lecturer, Asia Oceania Geosciences Society (AOGS), Singapore 2015 – Doctor Technices Honoris Causa, Technical University of Denmark, Lyngby, DK 2013 – Hans Christian Oersted Lecturer, Technical University of Denmark, Lyngby, DK 2009 – Fellow of the American Geophysical Union. 1998 – NASA Medal for Exceptional Achievement. 1994 – John C. Lindsay Memorial Award for Space Science. 1986 – NASA Medal for Exceptional Scientific Achievement	

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Professional Societies

- American Geophysical Union.
- European Geophysical Union.
- Division of Planetary Sciences of the American Astronomical Society.

Community Service

- Member, Steering Committee, Outer Planets Assessment Group (OPAG).
- Member, Mars Exploration Program Analysis Group (MEPAG);
- Member, Human Exploration of Mars Science Advisory Group (HEM-SAG).
- Chair, Science and Technical Review Team, for the NASA Outer Planets Flagship Mission Concepts (2007).
- Member, Science and Technical Review Team, for NASA Outer Planets Flagship Mission Concepts (2008).
- Member, Science Definition Team, Mars Airplane Mission.
- Member, Science Definition Team, Jupiter Icy Moons Orbiter.
- Member, Science Definition Team, Europa Orbiter, Europa Clipper Concept, and Europa Lander Concept.
- Associate Editor, Journal of Geophysical Research.
- Chair, International Jupiter Watch Aurora Discipline.
- Reviewer for AGU journals, Science, Nature, Space Science Reviews, etc.
- Reviewer for National Aeronautics and Space Administration, National Science Foundation.
- Consultant, Department of Defense, Naval Sea Systems Command, Naval Undersea Warfare Center, Newport, RI.

Other Interests

- Sailboat racing (dinghy, keelboats).
- Member, Annapolis Yacht Club
- Vice President, Annapolis Roads Property Owners Association

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