

Academic Qualifications

Ph.D. Astronomy, Queen Mary, University of London (QMUL)	1995
Post Graduate Diploma Astrophysics, QMUL	1990
M.S. Mathematics, University of Southern Mississippi	1978
B.S. Physics, California State University, Long Beach	1968

Professional Experience

SETI Institute	
Research Astronomer	2005–
Deputy Manager, Planetary Rings Node, NASA Planetary Data System	2005–
Core member of the team developing PDS4 and the PDS4 Information Model	2010–
University of Virginia's College at Wise, Assist. Professor, Physics and Astronomy	2004–2005
San Jose State University Foundation	
Senior Research Scientist	2001–2004
Deputy Manager, Planetary Rings Node, NASA Planetary Data System	2001–2004
Polk Community College, Instructor	1999–2001
Coconino Community College, Associate instructor	1998–1999
U.S. Geological Survey, Astrogeology Division, Scientific Programmer	1997–1998
Queen Mary, University of London, Post Doctoral Research Assistant,	1995–1996

Membership in Professional Societies

American Astronomical Society, Div. for Planetary Sciences & Div. on Dynamical Astronomy
Fellow, Royal Astronomical Society

Selected Publications

- Gordon, M.K., S. Araki, G.I. Black, and 37 coauthors, Planetary Rings, in The Future of Solar System Exploration, 2003-2013, ASP Conference Proceedings, Vol. 272, M. Sykes, Ed., ASP, 2002.
- Giuliatti Winter, S.M., C.D. Murray and M.K. Gordon, Perturbations to Saturn's F-ring strands at their closest approach to Prometheus, *Planetary & Space Science* **48**, 817, 2000.
- Murray, C.D., M.K. Gordon and S.M. Giuliatti Winter, Unraveling the Strands of Saturn's F ring, *Icarus* **129**, 304-316.

Selected Conference Contributions

- A.C. Rough, LaMora, A.; Erickson, K.; Gordon, M.; Grayzeck, E. J.; Morgan, T. H.; Showalter, M.; Knopf, W, "PDS and NASA Tournament Laboratory Progress in Engaging Developers to Provide New Access to the Nation's Planetary Data". Bull. Amer. Astron. Soc. **45**, #117.04, 2013.
- Gordon, M.K., M.R. Showalter, B. Wells, L. Ballard, N. Heather, "Enhanced Geometric Metadata for Cassini Optical Remote Sensing Instruments", Bull. Amer. Astron. Soc. **44**, 414.12, 2012.
- Neakrase, L.D.V.,..., M.K. Gordon and 7 coauthors, "The PDS4 Archive: New Structure, New Possibilities", Third International Planetary Dunes Workshop: Remote Sensing and Data Analysis of Planetary Dunes. LPI Contribution No. 1673, p.71-72, 2012.
- Hughes, S.J., A. Rough, M. Gordon, plus 7 other authors, "The Next Generation PDS Archive Data Standards", PV 2009 conference: Ensuring Long-Term Preservation and Adding Value to Scientific and Technical Data. European Space Astronomy Centre (ESAC) ESA, Madrid, Spain.
- Gordon, M.K., L. Ballard, M.R. Showalter, N. Heather, "Outer Planets, Multi-Mission Data Search At The PDS Rings Node", Bull. Amer. Astron. Soc. **41**, 18.10, 2009.