

Nader Haghighipour

Institute for Astronomy and NASA Astrobiology institute, University of Hawai'i-Manoa, 2680 Woodlawn Drive, Honolulu, HI 96822

Education

- 1999 : PhD., Planetary Dynamics , University of Missouri-Columbia
- 1997 : MSc., Cosmology, University of Missouri-Columbia
- 1989 : BSc., Physics, University of Tehran, Tehran, Iran.

Professional Responsibilities

- 2004 - Present : NASA Astrobiology Fellow, Institute for Astronomy, University of Hawaii,
- 2001 - 2004 : NASA Origin/NASA Astrobiology Fellow, Department of Terrestrial Magnetism, Carnegie Institution of Washington
- 2000 - 2001 : Research Scholar, Department of Physics and Astronomy, Dearborn Observatory, Northwestern University
- 1999 - 2000 : Visiting Assistant Professor, Department of Physics and Astronomy University of California-Irvine
- 1993 - 1999 : Teaching Assistant, Department of Physics and Astronomy University of Missouri-Columbia
- 1990 - 1992 : Physics and Mathematics Instructor, University of Aeronautical Sciences and Technologies, Tehran, Iran
- 1987 - 1992 : Physics Instructor, Departments of Physics, Azad University, Tehran, Iran

Research Interests and Experiences

Formation and Dynamical Evolution of Planetary Systems
Habitable Planet Formation and Water-Delivery Mechanism
Dynamics of Circumstellar Disk (Growth of dust grains, Formation of Planetesimals)
Celestial Mechanics (Relativistic and Non-Relativistic)
General Relativity and Gravitation

Teaching Experiences

Planetary Science (Solar System Dynamics, Planet Formation, Extrasolar Planets, Astrobiology)
Planetary Dynamics (Graduate Level)
Introductory Astronomy (Non Majors)
Foundations of Theoretical and Observational Astronomy
Calculus-Based and Algebraic-Based Introductory Physics

Awards

- 1999 : Scientific Achievement Award, University of Missouri-Columbia
- 1998 : B.Hammond Prize for Excellence and Effectiveness in Teaching, University of Missouri
- 1996 : Donald K.Anderson Outstanding Teaching Award, University of Missouri-Columbia