

Associate Professor of Astronomy
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Research interests and professional experience

- . Detection and characterization of extrasolar planets
- . Theoretical and numerical studies of dynamics of extrasolar planetary systems
- . Space and ground based optical interferometry
- . Stellar astronomy - observational tests of stellar structure and evolution models
- . Pulsar astronomy - observations of millisecond and relativistic binary pulsars and its applications

Education

- . Habilitation degree (Astronomy), Nicolaus Copernicus Astronomical Center of the Polish Academy of Sciences, Poland, 2006
- . Ph.D. (Astronomy) with distinction, Nicolaus Copernicus University, Poland, 14 June 2000
- . M.S. (Astronomy), Nicolaus Copernicus University, Poland, 1996

Appointments

- . Associate Professor of Astronomy, tenured, Nicolaus Copernicus Astronomical Center of the Polish Academy of Sciences, Poland, 2006-
- . Adjunct Associate Professor of Astronomy, A. Mickiewicz University, Poland, 2007-
- . Assistant Professor of Astronomy, Nicolaus Copernicus Astronomical Center of the Polish Academy of Sciences, Poland, 2005-2006
- . Senior Postdoctoral Scholar in Planetary Science, California Institute of Technology, USA, 2003-2005
- . Michelson Postdoctoral Scholar in Planetary Science, California Institute of Technology, USA, 2000-2003
- . Junior Fulbright Fellow, Pennsylvania State University, USA, 1998-1999

Visiting positions

- . Visting Researcher, Kobe University, Japan, 2005 (1 month)
- . Visting Researcher, Harvard University, Harvard-Smithsonian Center for Astrophysics, USA, 6 times, 2002-2004 (5 months total)
- . Visiting Researcher, Pennsylvania State University, USA, 1997 (4 months)

Prizes, awards, fellowships

- . „Zlota Lampa“ (en. „Golden Lantern“) of the PGNiG Foundation, 150 000 PLN (37 000 Euro; PGNiG is the largest natural gas company in Poland), 2006
- . Stefan Pienkowski Award of the Division of Mathematics, Physics and Chemistry of the Polish Academy of Sciences, 2006
- . Polish Astronomical Society Biannual "Young Astronomer" Award, 2005
- . Michelson Postdoctoral Fellowship, NASA/JPL, USA 2000-2003
- . Fulbright Fellowship, Fulbright Commission, USA 1998-1999
- . Polish Ministry of Education Prize Scholarship, 1994-1995 and 1995-1996

Current graduate students supervised

- . Krzysztof Helminiak, Milena Ratajczak, Piotr Sybilski, Stanislaw Kozlowski

Courses recently taught

- . Extrasolar planets, Stellar structure and evolution, Stellar atmospheres, Introduction to astrophysics

Selected recent seminars and invited talks

- . 2003 Planetary Science Seminar, California Institute of Technology, USA
- . 2003 Solar, Stellar, and Planetary Sciences Seminar, Harvard-Smithsonian Center for Astrophysics, USA
- . 2003 Earth and Planetary Sciences Department Colloquium, Harvard University, USA
- . 2004 Astronomy Department Colloquium, Princeton University, USA
- . 2004 Planetary Science Seminar, California Institute of Technology, USA
- . 2004 Solar, Stellar, and Planetary Sciences Seminar, Harvard-Smithsonian Center for Astrophysics, USA
- . 2004 „Mathematical Challenges in Astronomical Imaging“, Los Angeles, USA (invited talk)
- . 2005 Graduate School of Science and Technology Seminar, Kobe University, Japan
- . 2006 „American Astronomical Society Meeting“, Washington DC, USA (invited talk)
- . 2007 "Extra Solar Planets: the detection, formation, evolution and dynamics of planetary systems", Sabhal Mor Ostaig, Skye, Scotland (invited lectures)

Professional Societies

- . 2003- American Astronomical Society
- . 2005- Polish Astronomical Society
- . 2007-2010 Committee of Astronomy of the Polish Academy of Sciences

Other

- . Reviewer for: „Astrophysical Journal“, „Astrophysical Journal Letters“, „Monthly Notices of the Royal Astronomical Society“, „Astronomy and Astrophysics“, „New Astronomy“, „Science“
- . Reviewer for: National Aeronautics and Space Administration (NASA, USA), National Science Foundation (NSF, USA), Spitzer Space Telescope Observatory (USA), National Israeli Foundation (Israel)

Funding (as PI)

- . Foundation for Polish Science, FOCUS instrumental grant, 2009, 450 000 PLN
- . Foundation for Polish Science, FOCUS grant and fellowship, 2007-2010, 240 000 PLN
- . Polish Ministry of Science and Higher Education grant, 2007-2010, 285 000 PLN
- . NASA, Origins of Solar Systems grant, Science Principal Investigator, 2004-2007, \$169,000
- . NASA/JPL, Michelson Postdoctoral Fellowship, 2000-2003, \$190,500

Press releases

- . “NASA Scientist Finds World With Triple Sunsets”, NASA, July 13, 2005
- . “First Planet Under Three Suns Is Discovered”, Caltech, July 13, 2005
- . “Scientists Announce Smallest Extra-Solar Planet Yet Discovered and Find Outer Limits of the Pulsar Planetary System”, Penn State University, February 7, 2005
- . “Astronomers "weigh" pulsar's planets”, Caltech, May 29, 2003
- . “Farthest Known Planet Opens the Door For Finding New Earths”, Harvard/CfA, January 6, 2003

Selected media coverage on my research

- . „When a World is Born“, *The Economist*, October 12, 2006
- . “Discovery of a First: A World With 3 Suns”, *The New York Times*, July 15, 2005
- . “Tristar planet”, *Geotimes*, September 2005
- . “The triple sunset that should not exist”, *Nature*, July 11, 2005
- . “Triple star planet”, *Sky & Telescope*, July 13, 2005
- . “Pack extra sunscreen”, *Astronomy Magazine*, July 13, 2005
- . “A flurry of exoplanet discoveries”, *Sky & Telescope*, February 9, 2005
- . “Micro-planets and mini-systems”, *Astronomy Magazine*, February 16, 2005
- . “A Tsunami of Hot Jupiters?”, *Science*, January 23, 2003
- . “A new way to find planets”, *Sky & Telescope*, January 8, 2003
- . “Planet Hunting: In Transit”, *The Economist*, January 9, 2003
- . “New Method Detects Planet Very Distant”, *The New York Times*, January 7, 2003
- . “Astronomy: Distant planet is the hottest yet”, *Nature*, January 30, 2003