

01.02.2016

CURRICULUM VITAE

PERSONAL INFORMATION

Family name, First name: **Konacki, Maciej**

Date of birth: **06 November 1972**

Work:

Nicolaus Copernicus Astronomical Center
Polish Academy of Sciences
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RESEARCH INTERESTS AND PROFESSIONAL EXPERIENCE

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

EDUCATION AND RESEARCH DEGREES:

2011, Nov. 3 **Full Professorship**, Physical Sciences, Astronomy,
2006 **Habilitation degree in Astronomy**, Nicolaus Copernicus Astronomical Center of the Polish
Academy of Sciences, Poland,
2000, June 14 **Ph.D. in Astronomy**, with distinction, Nicolaus Copernicus University, Poland,
1996 **M.Sc. in Astronomy**, Nicolaus Copernicus University, Torun, Poland.

EMPLOYMENT AND INTERNSHIP HISTORY

From 2012 **Professor of Astronomy**, Nicolaus Copernicus Astronomical Center of the Polish Academy
of Sciences, Poland,
2007-2014 **Adjunct Associate Professor of Astronomy**, A. Mickiewicz University, part time teaching,
2006-2011 **Associate Professor of Astronomy**, Nicolaus Copernicus Astronomical Center of the
Polish Academy of Sciences, Poland,
2005 – 2006 **Assistant Professor of Astronomy**, Nicolaus Copernicus Astronomical Center of the
Polish Academy of Sciences, Poland.,

REVIEW DUTIES

- “Astrophysical journal”, „Astrophysical Journal Letters“, „Monthly Notices of the Royal Astronomical Society”, „Astronomy and Astrophysics”, „New Astronomy”, „Science”
- National Aeronautics and Space Administration (NASA, USA), National Science Foundation (NSF, USA), Spitzer Space Telescope Observatory (USA), National Israeli Foundation (Israel), Marsden Fund (New Zealand), European Research Council (Brussels), Canada Research Chairs (Canada)
- Chair of sub-panel on “Science Performance” of the European Space Agency during the Science Performance System Requirement Review of the “Plato” space mission (mission budget ~ 1 billion euro)

SELECTED FOREIGN MEDIA COVERAGE OF MY RESEARCH

December 9, 2015	“The Real Science Inspired By Star Wars”, National Geographic News
October 12, 2006	„When a World is Born“, The Economist’
February 9, 2005	“A flurry of exoplanet discoveries”, Sky & Telescope’
February 16, 2005	“Micro-planets and mini-systems”, Astronomy Magazine’
January 23, 2003	“A Tsunami of Hot Jupiters?”, Science’
January 8, 2003	“A new way to find planets”, Sky & Telescope’
January 9, 2003	“Planet Hunting: In Transit”, The Economist,
January 7, 2003	“New Method Detects Planet Very Distant”, The New York Times,
30 January, 2003	“Astronomy: Distant planet is the hottest yet”

FUNDING

2010-2016	ERC Starting Independent Researcher Grant, “Eclipsing binary stars as cutting edge laboratories for astrophysics of stellar structure, stellar evolution and planet formation”, Principal Investigator, 1 500 000 Euro,
2011-2016	Polish Ministry of Science and Higher Education grant, Principal Investigator, 3 000 000 PLN (750 000 Euro),
2011-2014	National Science Center research grant, Principal Investigator, 800 000 PLN (200 000 Euro),
2009-2010	Foundation for Polish Science, “FOCUS” instrumentation grant, Principal Investigator, 450 000 PLN (110 000 Euro), to establish a prototype 0.5-m robotic telescope,
2008-2010	Foundation for Polish Science, “FOCUS” grant, Principal Investigator, 240 000 PLN (60 000 Euro), 2008-2010
2007-2010	Polish Ministry of Science and Higher Education grant, “Stellar and planetary aspects of binary stars”, Principal Investigator, 285 000 PLN (70 000 Euro),
2004-2007	NASA, Origins of Solar Systems grant, “Extrasolar Planets in Binary Stellar Systems”, Science Principal Investigator, \$169 000, 2004-2007’
2000-2003	NASA/Jet Propulsion Laboratory, Michelson Postdoctoral Fellowship, \$190 500.

NOTABLE LECTURES AND INVITED TALKS (FOREIGN)

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),

- 2010, Jan-Mar "The Theory and Observation of Exoplanets (Kavli Workshop)", UCSB, USA (invited participation),
- 2010 Jet Propulsion Laboratory Seminar, USA,
- 2010 IPAC Seminar, California Institute of Technology, USA,
- 2011 "From Interacting Binaries to Exoplanets: Essential Modeling Tools", IAU Symposium 282, Tatranska Lomnica, Slovakia (invited talk),
- 2012 5th anniversary of the European Research Council, Brussels, Belgium (special presentation),
- 2013 Munich Joint Astronomy Colloquium, Garching, Germany,
- 2013 "Setting a new standard in the analysis of binary stars", Leuven, Belgium (invited talk),
- 2013 "Observing techniques, instrumentation and science for meter-class telescopes", Tatranská Lomnica

OLDER NOTABLE FOREIGN TALKS

- 2003 Earth and Planetary Sciences Department Colloquium, Harvard University, USA,
- 2004 Astronomy Department Colloquium, Princeton University, USA,
- 2004 Mathematical Challenges in Astronomical Imaging, Los Angeles, USA (invited talk),
- 2004 Planetary Science Seminar, California Institute of Technology, USA .