

# Curriculum Vitæ — doc. Mgr. Miroslav Brož, Ph. D.

Name: Miroslav Brož

Date of birth: Sep 24, 1975

Place of birth: Pardubice, Czechoslovakia

Nationality: Czech

Professional address:

Institute of Astronomy, Charles University,  
V Holešovičkách 2, CZ-18000 Prague 8, Czech Republic,  
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Home address:

Fibichova 998/3, CZ-50002 Hradec Králové, Czech Republic

Marital status: married, 2 children

Degrees: MSc., 1999, Ph.D., 2006, doc., 2015

Education:

1990-1994: grammar school, Hradec Králové (with extended courses  
of mathematics and physics)

1994-1999: Faculty of Mathematics and Physics, Charles University  
in Prague (specialization: astronomy)

1999-2001: civil service

2001-2006: PhD study, Institute of Astronomy, Faculty of Mathematics  
and Physics, Charles University in Prague  
(thesis "Yarkovsky effect and the Dynamics of the Solar System")

2015: Habilitation, Faculty of Mathematics and Physics, Charles University  
(thesis "Per asteroides ad astra")

Work experience:

1999, 2001-2022: Observatory and Planetarium in Hradec Králové

2006-now: Institute of Astronomy, Faculty of Mathematics and Physics,  
Charles University in Prague

Main fields of interest:

Celestial mechanics, numerical methods, non-gravitational effects,  
collisional dynamics, astrophysics

Membership:

International Astronomical Union, Commission No. 7

American Astronomical Society, Division for Planetary Sciences

Astronomical Society in Hradec Králové

Awards:

Asteroid (16244) was named Brož.

The textbook 'Physics of the Solar System' received Dean's award in 2013.

The lecture 'Physics of small Solar System bodies' received Dean's award in 2015.

The textbook 'Astronomical measurements' received Dean's award in 2017.

The lecture 'Astrophysics for physicists' received Dean's award in 2019.

The Kopal lecture in 2024.

International meetings and workshops:

Binary and Multiple Stars, Litomyšl, Czech Republic, 2024 (invited)  
Les Houches Winter School, Les Houches, France, 2024 (invited)  
Hvar Stellar Meeting, Hvar, Croatia, 2023 (invited)  
Observing techniques III, Tatranska Lomnica, Slovakia, 2023 (invited)  
Universe of Binaries, Telc, Czech Republic, 2019 (invited)  
Main Belt Workshop, Villasimius, Italy, 2019 (invited)  
IAU General Assembly, Wien, Austria, 2018  
48th AAS DPS Meeting, Provo, USA, 2017  
47th AAS DPS Meeting, Pasadena, USA, 2016  
IAU General Assembly, Honolulu, Hawaii, 2015  
Collisions in the Solar System, Belgrade, Serbia, 2015 (invited)  
46th AAS DPS Meeting, Tucson, USA, 2014  
Asteroids, Comets, Meteors 2014, Helsinki, Finland, 2014  
45th AAS DPS Meeting, Denver, USA, 2013  
44th AAS DPS Meeting, Reno, USA, 2012  
43rd AAS DPS Meeting, Nantes, France, 2011  
42nd AAS DPS Meeting, Pasadena, USA, 2010  
IAU General Assembly, Rio de Janeiro, Brazil, 2009  
40th AAS DPS Meeting, Ithaca, USA, 2008  
39th AAS DDA Meeting, Boulder, USA, 2008  
EGU General Assembly, Wien, Austria, 2007  
38th AAS DPS Meeting, Pasadena, USA, 2006  
IAU Symp. 229: Asteroids, Comets, Meteors 2005, Buzios, Brazil, 2005  
IAU Coll. 176: Dynamics of Populations, Belgrade, Serbia and Montenegro, 2004  
35th AAS DDA Meeting, Cannes, France, 2004  
Asteroids, Comets, Meteors 2002, Berlin, Germany, 2002  
CELMEC III, Rome, Italy, 2001  
Asteroids 2001, Palermo, Italy, 2001  
Restless Universe, NATO ASI summer school, Blair Athol, UK, 2000  
US-European Workshop on Celestial Mechanics, Poznan, Poland, 2000  
31st AAS DPS Meeting, Padova, Italy, 1999

Publications and citations:

The list is attached as a separate document.

Miroslav Brož