

# 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:

Charles University, Faculty of Mathematics and Physics, Institute of Astronomy  
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: Gymnasium J. K. Tyla, Hradec Králové

(with extended courses of mathematics)

1994–1999: MSc study, Charles University, Faculty of Mathematics and Physics

(thesis "Orbital evolution of asteroid fragments...")

1999–2001: civil service

2001–2006: PhD study, Charles University, Faculty of Mathematics and Physics

(thesis "Yarkovsky effect and the dynamics of the Solar System")

2015: Habilitation, Charles University, Faculty of Mathematics and Physics

(thesis "Per asteroides ad astra")

Work experience:

1999, 2001–now: Observatory and Planetarium in Hradec Králové

2006–now: Charles University, Faculty of Mathematics and Physics,  
Institute of Astronomy

Main fields of interest:

Celestial mechanics, non-gravitational effects, asteroid collisions,  
planet formation, hydrodynamics, astrophysics, interferometry

Membership:

2016–2020 Czech National Astronomical Committee (CNKA)

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' recieved Dean's award in 2013.

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

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

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

Teaching:

3 PhD Theses, 5 MSc Theses, 9 Bc Theses

International meetings and workshops:

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  
ITN Stardust: 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 of Planet. Systems, Belgrade, Serbia, 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