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Born: August 13th 1980 in Havlíčkův Brod, Czech Republic
Marital status: married
Nationality: czech

Education:

- 1993–1999 Secondary school “Gymnázium v Chotěboři, Jiráskova 637” (school leaving exam from czech, german, physics, mathematics, and computer science)
1999–2004 Faculty of Mathematics and Physics, Charles University in Prague, topic: physics (astronomy and astrophysics) – Mgr. (MSc. equivalent) degree
2004–2007 Faculty of Mathematics and Physics, Charles University in Prague, doctoral studies, topic: “Velocity fields in the solar photosphere”, supervisor Michal Sobotka – Ph. D. degree

Other classes and education:

- 2000–2002 Observatory and planetarium of the city of Prague – astronomy class
2004 ESMN School on Solar Magnetometry and Solar Magnetism, Tatranská Lomnica, Slovakia, 3–10 Nov 2004
2005 Course of basics of the scientific work, Academy of Sciences of the Czech Republic, Prague, 21–25 Feb 2005

Long- and mid-term professional visits

- Stanford University, USA, Solar Oscillations Investigation group , cooperation with Dr. Junwei Zhao and Dr. Alexander G. Kosovichev (12 Jun – 10 Jul 2006, 12 Mar – 11 Apr 2007, 29 Jan – 26 Feb 2008)

Short-term professional visits

- Observatoire Midi-Pyrénées, Tarbes, France (Dr. Thierry Roudier, 2006)
- Astrophysisches Institut Potsdam, Germany (Prof. K. G. Strassmeier, 2007)
- Instituto de Astrofísica de Canarias (SST observation run, 2007)

Work experiences:

- 2004– ... Astronomical Institute (v. v. i.) of Academy of Sciences of the Czech Republic, Ondřejov observatory, 2004–2007 science and research, part-time (35 %), 2007–2008 post-doc fellow, part-time (50 %), 2009–... on leave in Germany
2005–2008 Astronomical Institute of Charles University, 2004–2007 teaching and computer network administration, part-time (50 %), 2007–2008 scientific research and computer network administration, part-time (60 %)

2009–... Max-Planck-Institut für Sonnensystemforschung, Katlenburg-Lindau, Germany, post-doc fellow

Professional focus:

- 1995– ... member of association Amatérská prohlídka oblohy (Amateur Sky Survey), contributor of bulletin Bílý trpaslík (2001–2007 technical editor of this bulletin, 2000–2008 in editorial board)
- 1995–1999 participant of Letní astronomická expedice (astronomical summer camp) at Úpice observatory
- 1999– 2004 cooperation with Solar department of Astronomical Institute (v. v. i.) of Academy of Sciences of the Czech Republic, group Structure and Dynamics of the Solar Atmosphere
- 1999–2001 summer observer at solar Photoelectrical magnetograph of Ondřejov observatory
- 2000–2003 contributor of Instantní astronomické noviny (Instant Astronomical News, in czech – <http://www.ian.cz>)
- 2000–2002 instructor on Letní astronomická expedice
- 2002–2007 guide at Štefánik observatory in Prague, participation on scientific activity (Solar section)
- 2003–2004 main leader on Letní astronomická expedice
- 2007– ... editorial board of Astropis (czech amateur astronomical journal)

Language skills:

czech (native), english (fluent), german (basics), slovak (passive)

Other skills:

programming (Pascal, Fortran 77/90, IDL, Matlab, BASH), L^AT_EX, basics of typography (experience in science-oriented magazine typesetting), operating systems: Linux (administrator skills), Windows, Unix, driving license

Conferences:

international conferences: 8 (2002 – 2, 2004 – 1, 2005 – 2, 2006 – 1, 2007 – 2, 2008 – 2)

Published papers:

refereed journals: 7 (2006 – 1, 2007 – 3, 2008 – 3, accepted – 1)

refereed conference proceedings: 7 (2004 – 1, 2005 – 3, 2006 – 1, 2007 – 2)

conference proceedings: 9 (2000 – 1, 2002 – 1, 2003 – 1, 2004 – 3, 2005 – 1, 2006 – 1, 2008 – 3)

popular papers: 95 (1996 – 1, 1997 – 3, 1998 – 2, 1999 – 5, 2000 – 15, 2001 – 11, 2002 – 16, 2003 – 17, 2004 – 5, 2005 – 7, 2006 – 9, 2007 – 4, 2008 – 3)

Talks:

popular talks: 20 (2002 – 1, 2003 – 1, 2005 – 2, 2006 – 4, 2007 – 10, 2008 – 9)

university lectures: 2 (2006 – 1, 2007 – 1, 2008 – 1)

University classes:

MFF UK AST031: Diploma seminar (since 2005)

MFF UK AST021: Selected chapters in astrophysics (2006, 2008)

MFF UK AST001: Solar physics (2008)