I. Curriculum vitae

(a) General information

Name : David Vokrouhlický

Date of birth : May 7, 1966

Place of birth : Jaroměř, Czechoslovakia

Nationality : Czech

Professional address : Institute of Astronomy, Charles University, Prague, V Holešovičkách 2, CZ-18000 Prague 8, Czech Republic, [fax: (420) 2 21 91 25 77, e-mail: vokrouhl@mbox.cesnet.cz]

Home address : U Andělky 1A, CZ-16200 Prague 6, Czech Republic

Marital status : married, 2 children

Degrees : PhD, 1992; DSc, 1999

(b) Professional information

Education :

1980-1984: Grammar School, Prague (with extended courses of mathematics and physics)

1984-1989: Faculty of Mathematics and Physics, Charles University, Prague (specialization: astronomy)

1989-1992: PhD study, Institute of Astronomy, Faculty of Mathematics and Physics, Charles University, Prague

Work experience :

1992-2000: Assistant Professor at the Institute of Astronomy, Faculty of Mathematics and Physics, Charles University

2000-2009: Associate Professor at the Institute of Astronomy, Faculty of Mathematics and Physics, Charles University

2009-present: Professor at the Institute of Astronomy, Faculty of Mathematics and Physics, Charles University

Additional work experience :

Post-doctoral stay at Observatoire de la Côte d'Azur, dept. CERGA, France (1992 – 9 months; 1993 – 4 months; 1994/5 – 12 months).

Sabbatical visit at Southwest Research Institute, Boulder, USA (2005-7 – 2 years).

Main fields of interest :

1. Celestial mechanics – classical: dynamical problems in the solar system – artificial satellites, Moon, asteroids
2. Celestial mechanics – relativistic: solar system tests of PN structure of the gravitation theory – artificial satellites, Moon

International meetings, workshops and other stays abroad since 1992 :

- Southwest Research Institute, Boulder, Colorado, USA since 2007 (annual visits in winter and summer)
- *Asteroids, Comets and Meteors*, Baltimore, MD, 2008 (1 week; lecture)
- Southwest Research Institute, Boulder, Colorado, USA 2005-7 (2 years; sabbatical visit)
- *Dynamics of Populations of Planetary Systems*, IAU Colloquium 197, Belgrade, Serbia and Montenegro 2004 (1 week; invited lecture)
- *New trends in near-Earth asteroids research*, Arecibo, Puerto Rico 2004 (1 week; invited lecture, SOC member)
- Southwest Research Institute, Boulder, Colorado, USA 2004 (5 weeks; visiting researcher)
- Observatoire de la Côte d'Azur, dept. CASSINI, France 2003 (1 month; visiting researcher)
- Southwest Research Institute, Boulder, Colorado, USA 2003 (5 weeks; visiting researcher)
- Observatoire de la Côte d'Azur, dept. CASSINI, France 2002 (2 months; visiting researcher)
- *Asteroids, Comets and Meteors*, Berlin, Germany 2002 (1 week; invited lecture)
- University of Pisa, Italy 2001 (1 month; visiting researcher)
- *CelMec III*, Monte Porzio, Italy 2001 (1 week; invited lecture)
- *Asteroids 2001*, Palermo, Italy 2001 (1 week; lecture)
- Observatoire de la Côte d'Azur, dept. CASSINI, France 2001 (2 months; visiting researcher)
- *Restless Universe*, NATO ASI summer school, Blair Athol, UK 2000 (2 weeks; review lecture)
- *US-European workshop on Celestial Mechnaics*, Poznań, Poland 2000 (1 week; invited lecture)
- Observatoire de la Côte d'Azur, dept. CERGA, France 2000 (1 month; visiting researcher)
- University of Pisa, Italy 2000 (1 month; visiting researcher)
- University of Pisa, Italy 1999 (3 months; visiting researcher)
- *Asteroids, Comets and Meteors*, Cornell University, USA 1999 (1 week; 1 lecture)
- *Winter school of celestial mechanics*, Pralognan, France 1999 (1 week; 2 lectures)
- University of Dresden, Germany 1998 (2 weeks; visiting researcher)
- University of Pisa, Italy 1998 (2.5 months; visiting researcher)
- *The Impact of Modern Dynamics in Astronomy*, IAU Colloquium 172, Namur, Belgium 1998 (1 week; lecture)
- Observatoire de la Côte d'Azur, dept. CERGA, France 1998 (1 month; visiting researcher)
- *EGS General Assembly*, Nice, France 1998 (1 week; lecture)
- *Journées Systèmes de Références Spatio-Temporels*, Prague, Czech Republic 1997 (1 week; lecture)
- *Marcel Grossmann meeting on relativity (MG8)*, Jerusalem, Israel 1997 (1 week; lecture)
- Observatoire de la Côte d'Azur, dept. CERGA, France 1997 (1 month; visiting researcher)
- *Dynamics and Astronomy of the Natural and Artificial Celestial Bodies* (IAU Colloquium No. 165), Poznań, Poland 1996 (1 week; invited lecture)
- *COSPAR meeting*, Birmingham, Great Britain 1996 (1 week; lecture)
- Observatoire de la Côte d'Azur, dept. CERGA, France 1996 (1 month; visiting researcher)
- Institut des Hautes Etudes Scientifiques, Bures s. Yvette, France 1994-5 (1 month; collaboration)
- *Solar system dynamics* (IAU Conference 172), Paris, France 1995 (1 week; lecture)
- *General Relativity and Gravitation (GR14)*, Firenze, Italy 1995 (1 week; lecture)
- International School for Advanced Studies, Trieste, Italy 1992-4 (2 months; collaboration)

- *COSPAR meeting*, Hamburg, Germany 1994 (2 weeks; lecture)
- University of Pisa, Pisa, Italy 1992-5 (3 months; collaboration)
- *Summer school of celestial mechanics*, Cortina d'Ampezzo, Italy 1993 (2 weeks; lecture)
- *Winter school of celestial mechanics*, Chamonix, France 1992 (1 week; lecture)
- *Solar system dynamics*, Val-André, France 1992 (1 week; lecture)

Professional membership :

1. International Astronomical Union (since 1994)
   - member of the IAU Commission on *Relativity in Celestial Mechanics* (since 1997)
   - member of the organizing committee of Commission 7 (*Celestial Mechanics and Dynamical Astronomy*; since 2003)

Awards received

1. *Milan Odehnal prize* for 1992 awarded by the Czechoslovak Society of Mathematicians and Physicists to young physicists
2. *Annual prize of the Czech Learned Society* for 1996 awarded to young scientists
3. *Annual prize of the Berlin-Brandenburg Academy* for 1997 awarded to young scientists
4. *Asteroid 7631 Vokrouhlicky*
5. *Bernard Bolzano prize* for 2000 awarded by the Faculty of Mathematics and Physics of the Charles University (Prague) to young scientists
6. *Charles University prize* for 2008 awarded by the rector of the Charles University for outstanding scientific results

Other activities

- member of the *Council for Popularization of Science* of the Czech Academy of Sciences (since 1998)

II. Publications

More than 130 research papers in refereed journals, about 27 conference proceeding contributions, 2 book chapters, 1 book; about 2000 citations [for details see http://astro.mff.cuni.cz/davok/papers.htm]