Awardees of the IAG Bomford Prize 2003-2019

2003: Ramon Hanssen

Ramon Hansen studied aerospace engineering and geodetic engineering at Delft University of Technology (M.Sc. 1993). In 1994, he worked as a researcher on potential field data inversion at the International Institute for Aerospace Surveys and Earth Sciences (ITC). In 1995, he returned to TU Delft to start his PhD research on the geodetic analysis of repeat-pass spaceborne radar interferometry, with emphasis on error propagation. During this research, he worked as a visiting scholar at Stuttgart University (1996), at the German Aerospace Center (DLR, 1997) and at Stanford University (1997-1998) on a Fulbright research fellowship. In 2001 he received the PhD degree (cum laude). He is working in the field of radar remote sensing, geodesy and geostatistics at the Faculty of Civil Engineering and Geosciences.

2007: Masato Furuya

Masato Furuya received his B.Sc. from the Department of Geophysics, University of Tokyo, in March 1992 and his M.Sc. from the Department of Earth and Planetary Physics, University of Tokyo in March 1994. In March 1997, he finished his D.Sc. thesis at the Department of Earth and Planetary Physics, University of Tokyo. From April 1995 to March 1997, he was a Fellow of the Japan Society for Promotion of Science (JSPS) and from July 1995 to December 1995 a Visiting Scientist at NASA Goddard Space Flight Center in collaboration with Dr. B. Chao. From April 1997 to March 1999, he was a Research Scientist at the Communications Research Laboratory, and from April 1999 to Sep 2007 Research Associate/Assistant Professor at the Earthquake Research Institute, The University of Tokyo.

2011: Johannes Böhm

Johannes Böhm was Assistant Professor at the Institute of Geodesy and Geophysics at the Vienna University of Technology, Austria. In 2004, he finished his PhD on tropospheric path delay correction in the analysis of Very Long Baseline Interferometry (VLBI) observations. Tropospheric delay modeling for all radio space geodetic techniques (VLBI, GNSS, DORIS) was the topic of the habilitation thesis, which he submitted in 2007 to receive the Venia Docendi for Space Geodetic Techniques from the Vienna University of Technology. He has been setting the standards for tropospheric delay modeling in the analysis of space geodetic observations at radio wavelengths (VLBI, GNSS, DORIS) by developing the VMF1 (Vienna Mapping Functions), the empirical model GMF (Global Mapping Functions) and the GPT model (Global Pressure and Temperature).

2015: Yoshiyuki Tanaka

Yoshiyuki Tanaka graduated at the School of Science, The University of Tokyo, with a Bachelor (B. SC) in March 1999, with a Master of Science (M. Sc.) in March 2001, and with the Doctor's degree (Ph. D.) in March 2006. His professional experience started in April 2002 as Technical Official at the Geodetic Department of the Geographical Survey Institute of Japan (currently renamed as Geospatial Information Authority of Japan). From November 2006 to October 2007 he was Visiting Scientist at the GFZ German Research Centre for Geosciences (sponsored by the Ministry of Education, Culture, Sports, Science and Technology of Japan) and since April 2008 Assistant Professor, Earthquake Research Institute, The University of Tokyo, Japan. From August 2009 to September 2009 he was again an invited Visiting Scientist at the GFZ German Research Centre for Geosciences.

2019: Michal Šprlák

Michal Šprlák has been working from both the theoretical and the numerical point of view on classical geodetic items concerning the determination and modelling of the Earth's gravity field. He graduated from the Slovak Technical University in Bratislava (2003 BSc., 2005 MSc. and 2009 PhD.). After his graduation, he spent three years as a postdoc (2010-2012) at the Norwegian University of Environmental and Life Sciences, Ås, Norway, where he closely cooperated with the group of prof. Bjørn Ragnvald Pettersen. In 2013, he joined the research group of Prof. Pavel Novák at the University of West Bohemia, Pilsen, Czech Republic, where he spent four years. Since 2017, he has been involved in gravity field research within the group of Prof. Shin Chan Han at the University of Newcastle, Callaghan, Australia.