

Curriculum Vitae

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Nationality: Austria

Areas of Interest

Earth rotation and its geophysical excitation, tides of the atmosphere and the ocean, numerical ocean modeling, mass transports within near-surface fluids, atmospheric circulation and angular momentum balance, atmospheric effects in space geodesy, tropospheric delays

Employment Record

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| 01/2013 – present | University Assistant at TU Wien, Department of Geodesy and Geoinformation, Research Group ‘Advanced Geodesy’. Principal Investigator within the bilateral research project ‘ASPIRE’ funded by FWF/DFG |
| 10/2009 – 12/2012 | Project Scientist at the TU Wien, Department of Geodesy and Geoinformation, Research Group ‘Advanced Geodesy’ within the national research project ‘GGOS Atmosphere’ funded by FWF |
| 08/2005 – 09/2005 | Holiday job in surveying company |

University and Education

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| 01/2014 | Dr.techn. from TU Wien. Thesis title: ‘Atmosphere-induced short period variations of Earth rotation’. Supervisors: Prof. H. Schuh and Prof. F. Seitz |
| 11/2009 – 01/2014 | Doctoral programme in Engineering Sciences, TU Wien |
| 10/2009 | Dipl.-Ing. Degree (M.Sc.) from TU Wien. Thesis Title: ‘Modeling atmospheric influences on the Earth’s rotation on different time scales’. Supervisors: Prof. H. Schuh and Dr. J. Böhm |
| 10/2004 – 10/2009 | Diploma programme in Surveying and Geoinformation with major on Geodesy and Geophysics, TU Wien |
| 09/2003 – 04/2004 | Compulsory service in the Austrian Armed Forces |

09/1995 – 06/2003 Grammer School (Bundesrealgymnasium) in Wieselburg

Awards and Honors

10/2015 ‘Award of Excellence’ from the Federal Ministry of Science, Research, and Economy of Austria. To be used for international research visits

04/2015 ‘Promotio sub auspiciis Praesidentis’, Doctoral Degree awarded by TU Wien under the auspices of the Federal President Dr. Heinz Fischer for the highest possible educational and scholar achievements in Austria

11/2014 ‘Honorary Price’ from the Federal Ministry of Science, Research, and Economy of Austria

11/2014 ‘Best Paper Award 2013’ from the Faculty of Mathematics and Geoinformation, TU Wien

International Experience

02/2016 – present Associate of IAU/IAG Joint Working Group on ‘Theory of Earth Rotation and Validation’

08/2015 – present Vice-Chair of IAG Sub-Commission 3.3 ‘Earth Rotation and Geophysical Fluids’

08/2011 – 06/2015 Member of IAG Intercommission Study Group 0.4 ‘Coordinate Systems in Numerical Weather Models’

03/2015 Research visit at GeoForschungsZentrum Potsdam, Germany, Section ‘System Earth Modeling’

12/2013 – 12/2014 Four invited talks: Fall Meeting of the American Geophysical Union (12/2013 and 12/2014, San Francisco), General Assembly of the European Geosciences Union (04/2014, Vienna), Journées 2014 (09/2014, St. Petersburg)

06/2014 – present Active reviewer for ‘Journal of Geophysical Research’, ‘Climate Dynamics’, ‘Journal of Geodesy’, and ‘IEEE Geoscience and Remote Sensing’