

Univ.-Prof. Dr. Johannes Böhm

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Biography:

Johannes Böhm is Professor of Höhere Geodäsie (Higher Geodesy) at the Department of Geodesy and Geoinformation at TU Wien, Austria. In his PhD studies and thereafter he focused on atmospheric effects in space geodesy. Together with colleagues at TU Wien, he has developed the Vienna Mapping Functions (VMF) and empirical counterparts like the Global Mapping Functions (GMF) and Global Pressure and Temperature (GPT) models. The main interest now is on the analysis of Very Long Baseline Interferometry (VLBI) observations for the determination of global terrestrial and celestial reference frames and Earth orientation parameters. The VLBI group at TU Wien is covering all aspects from scheduling and correlation to the analysis of VLBI observations with the Vienna VLBI and Satellite Software (VieVS).

Awards and Honours:

Wiener Ingenieurpreis 2014
Guy Bomford Prize 2011 of the International Association of Geodesy (IAG)
Karl Rinner Award 2004 of the Austrian Geodetic Commission

Selected Leading Positions:

President of the Geodesy Division of the European Geosciences Union (2017-)
Vice-President of IAG Commission 1 on Reference Frames (2015-2019)
Chair of IAG Sub-Comm. 1.4: Interaction of Celestial and Terrestrial Reference Frames (2011-2015)

Selected Memberships:

Member of the Austrian Geodetic Commission and National Committee to the IUGG (since 2012)
Member of the Editorial Board of Journal of Geodesy (2007-2015)
Member of the VGOS Technical Committee of the International VLBI Service (since 2005)
Member of the IAU Working Group on the ICRF-3 (since 2012)

Publications:

<https://scholar.google.at/citations?hl=de&user=Lv-4d2wAAAAJ> (Google Scholar)
<http://www.scopus.com/authid/detail.url?authorId=56962737000> (Scopus)