

Curriculum Vitae

Personal Data

Name Univ.-Prof. Dr. Maik Thomas
Date of Birth 03 September 1967
Place of Birth Wilhelmshaven
Nationality german
Residence Bergholzer Straße 3
14473 Potsdam



Schools

1974 – 1978 Grundschule in Wilhelmshaven
1978 – 1980 Orientierungsstufe in Wilhelmshaven
1980 – 1987 Gymnasium in Wilhelmshaven

Civilian Service

Aug. 1987 – Mar. 1989 Civilian Service at the "Wilhelmshavener Werkstätten der Gemeinnützigen Gesellschaft für paritätische Sozialarbeit m.b.H."

Studies

1989 – 1996 Department of Geosciences, University of Hamburg
October 1996 Diploma in Oceanography;
Topic of Master Thesis: "Gezeiten und Drehimpuls im Ozean während der letzten 21000 Jahre" (Tides and angular momentum in the global ocean since the last glacial maximum)

Graduation

14 December 2001 Graduation at the Faculty of Geosciences of the University of Hamburg on "Ozeanisch induzierte Erdrotationsschwankungen - Ergebnisse eines Simultanmodells für Zirkulation und Gezeiten im Weltozean" (Ocean induced variations of Earth's rotation - Results from a simultaneous model for circulation and tides in the global ocean)
Grade: ausgezeichnet (excellent)

Profession

Nov. 1996 – Sep. 1999 Scientific employee in the DFG funded project "Drehimpulsbilanzierung" (Angular momentum budget, Br 675/8-1/2) under Prof. Dr. P. Brosche (Observatory Hoher List of the Astronomical Institutes, University of Bonn)

May 1999 – May 2001 Scientific employee in the DFG funded project "Paläoklima und Vegetation im Eozän" (Paleo climate and vegetation in the Eocene, Mo 412/18-1) under Prof. Dr. V. Mosbrugger (Institute and Museum of Geology and Paleontology, University of Tübingen)

June 2001 – July 2001	Scientific employee in the DFG funded project “Erdrotationsvektor“ (He 916/4-1) under Prof. Dr. A. Hense (Meteorological Institute, University of Bonn)
Aug. 2001 – Apr. 2007	Scientific employee at the Institute for Planetary Geodesy, Dresden University of Technology; Head of working group “Global Geodynamics”
since May 2007	Head of Section 1.3 “Earth System Modelling” of Department 1 “Geodesy and Remote Sensing” at Helmholtz Centre Potsdam, GFZ German Research Centre for Geosciences
since Jan. 2008	Professor at the Meteorological Institute of the Geoscience Faculty, Free University of Berlin

Administrative Functions

since 2009	Speaker of Topic 1 “Planet Earth Monitoring: Global Processes and Change” of the Helmholtz Research Programme “Geosystem: The Changing Earth”
since 2010	Chair of the GGOS Working Group on “Contributions to Earth System Modelling”
since 2011	Chair of Commission 3.3 “Earth Rotation and Geophysical Fluids” of the International Association of Geodesy
since 2011	Deputy speaker of the Helmholtz Research Programme “Geosystem: The Changing Earth”

Main Research Topics

- Numerical simulation of large scale dynamics in atmosphere, oceans and continental hydrology
- Spatio-temporal variations of Earth rotation, its shape, and its gravity and magnetic field due to mass transports in the Earth system (observation, simulation, geophysical interpretation)
- Sea level variations
- Paleo climate and paleo oceanography

Potsdam, 01 March 2012