



BOLLER THOMAS

Max-Planck-Institut für extraterrestrische Physik, PSF 1312, 85741 Garching

Professional and School career

Professional career

Since 1990

- scientist at the Max-Planck-Institute for extraterrestrial physics in Garching
- main scientific research topics: supermassive black holes, matter under strong gravity, physics of the nuclear regions of active galaxies, high-redshift quasars, future satellite projects of „ESA's Cosmic Vision Programme 2015-2025“
- Certificates for the German Research Foundation DFG
- Member of selection committees of the Max-Planck-Society: recruitment of students for research programs in cooperation with the Chinese Academy of Science
- German-Japanese Exchange Programme: Care and selection of students
- Member of the selection committee of the International Max-Planck Research School (IMPRS): selection of outstanding students and mentoring until PhD defenses, IMPRS lecturer
- Planning and implementation of international conferences
- Head of the 4MOST simulation software for multi-object spectroscopic telescopes for ESO

Since 2005 ApL professor an der Goethe-University Frankfurt

Since 1999 teaching licence ‚venia legendi‘ for physics and awarding of the academic title „Privatdozent“ by the department of physics of the Goethe University Frankfurt

- Teaching: designing a new teaching concept „Introduction into astrophysics I and II (Bachelor Course), astrophysics III“ (Master Course)
- Design and managing of the astrophysical practical training
- Promotion of highly-skilled of students at high schools
- Teaching mathematical and physical basic and expertise knowledge

04/1987 – 04/1990 Astrophysical Institute Potsdam

Scientific employee

- Research topics: theory of the luminosity evolution of quasars, cosmological evolution of the quasar population
- Provision of advice for building up extraterrestrial astrophysics for the institute

04/1984 – 03/1987 Astrophysical Institute Potsdam

Research student



24TH WORLD CONGRESS
OF DERMATOLOGY
MILAN 2019

Title: "The cosmological evolution of the quasar population"

Grade: magna cum laude

University

- 09/1979 – 03/1984 Physis, Friedrich-Schiller University Jena
Diplomphysiker
Grade: cum laude
- 05/1979 – 08/1979 night assistant at the observatory Sonneberg

Military Service

11/1977 – 04/1979 military services as radio operator

School career

- 09/1973 – 09/1977 High schools Sonneberg
Completion of secondary school leaving certificate
Grade: Pass with Distinction
- 01/1965 – 08/1973 Polytechnic High School Judenbach
Grade: very good

Other skills

Development of graphical user interfaces for the quality assurance of data archives

Leading the simulation software development for Multi-Object Spectroscopic Telescopes for ESO

Languages

- English: fluent in spoken and written
- Russian: basic knowledge

Awards and Affiliations

- 2011 Member of the "Academia Europaea, Physics and Engineering Section", membership number 3014
- 2011 Michael and Biserka Baum-Award for outstanding physical research and teaching activities by the "Frankfurt Foundation for basic research in physics"
- 2005 Appointment as ApL professor ApL at the Goethe-University Frankfurt
- 2004 Appointment as Contract Professor by the University of Padova
- 2001 Appointment to the selection committee and as a teacher at the "International Max-Planck-Research School" at MPE Garching
- 2003-2007 Working group member "Scientific preparation of the international satellite projects XEUS"
- 1999 Issue of teaching license and appointment as Lecturer
- 1999 Member of the international "Sloan Collaboration"
- 1996 Member of the "XMM Survey Science Consortium"