

MICHAEL SCHMID

Curriculum Vitae

Personal data

Name: Michael Schmid
Academic degrees: Dipl.-Ing. Dr. techn.
Professional title: Außerordentlicher Universitätsprofessor
Date of birth: Oct. 30, 1961
Nationality: Austrian
Address: Institut für Allgemeine Physik
TU Wien
Wiedner Hauptstraße 8-10/134
1040 Wien (Vienna), Austria
E-mail: schmid@iap.tuwien.ac.at

Professional Experience

1997 - present: Associate professor in the Surface Physics Group, Department of Physics, TU Wien. Research focused on surface structure and understanding processes at surfaces at the atomic scale.
1997 *Habilitation* (professorial examinations) in experimental physics.
May-July 1994: Guest researcher at the Center for Atomic-scale Materials Physics, Physics Department, Danish Technical University.
1990 - 1997: Assistant professor in the Surface Physics Group, Institut für Allgemeine Physik, TU Wien. Construction of an ultrahigh vacuum system for scanning tunneling microscopy, research in surface physics and ion-surface interaction.
1987 - 1990: Research assistant in the Measurement Science and Acoustics Group, Institut für Allgemeine Physik, TU Wien. Research projects on quartz crystals for deposition control and layered piezoelectric resonators.
1985 - 1986: Work for a research project at the TU Wien in collaboration with Philips (noise of recording heads for videotape).

Education

1989 PhD in technical sciences (physics), TU Wien.
Dissertation on "Possibilities and limitations of thin film thickness control with quartz crystals" (translated). Advisor: Prof. Ewald Benes.
1985 Diplomingenieur in Technical Physics, TU Wien.
Thesis on "Amplitude distributions of shear-mode quartz crystals at harmonic and anharmonic overtones" (translated).

Awards

1997 START prize of the Austrian Science Foundation.
1989 PhD thesis awarded with honors *sub auspiciis praesidentis* for excellence