

# 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  
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### 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

2023	ICSOS Surface Structure Prize <i>for his outstanding achievements in the development and application of methods to elucidate the structure of the surfaces of metal alloys, surface oxides, bulk oxides and single atom catalysts</i>
2019	TU Wien Best Teaching Award 2019 (for joint course <i>Fundamentals of Physics I</i> )
1997	START Prize of the Austrian Science Fund
1989	PhD thesis awarded with honors <i>sub auspiciis praesidentis</i> for excellence

## Publication Overview

ORCID ID: [0000-0003-3373-9357](https://orcid.org/0000-0003-3373-9357)

296 papers in peer-reviewed journals (Nov. 2023), 4 patents.

*h* index: 64 (Web of Science, Nov. 2023)