

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

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Nationality **Austria**
Date of birth **11 APRIL 1953**

WORK EXPERIENCE

- Dates (from – to) 2004 -
• Name and address of employer University of Vienna, Faculty of Chemistry, Departement of Physical Chemistry, Waehringer Strasse 42, A-1090 Vienna, Austria
• Type of business or sector University
• Occupation or position held Head of the Department of Physical Chemistry
• Main activities and responsibilities Professor for Physical Chemistry, management of research in nanotechnology and laser processing
Vice Chairperson of the Works Council of the scientific staff of the University of Vienna

- Dates (from – to) 2003 - 2004
• Name and type of organisation providing education and training Free University Berlin, Berlin, Germany
• Principal subjects/occupational skills covered Teaching and Research in Physical Chemistry
• Title of qualification awarded Professor for Physical Chemistry
• Level in national classification Prof.

- Dates (from – to) 1988 - 2004
• Name and address of employer Federal Institute for Materials Research and Testing, Unter den Eichen 87, D-12205 Berlin, Germany
• Type of business or sector Governmental laboratory for applied research
• Occupation or position held Head of the Laboratory for Thin Film Technology
• Main activities and responsibilities Management of research in Thin Film and Laser Technology

- Dates (from – to) 1983 - 1987
• Name and address of employer Siemens AG, Research Center, Werner-von-Siemens-Strasse 50, D-91052 Erlangen, Germany
• Type of business or sector Microelectronic industry
• Occupation or position held Research Scientist
• Main activities and responsibilities Management of research in Electrochemistry and Laser Thin Film Technology

- Dates (from – to) 1982 - 1983
- Name and address of employer IBM San Jose Research Laboratory (now IBM Almaden Research Center), San Jose, California, USA
- Type of business or sector Microelectronic industry
- Occupation or position held Research Scientist
- Main activities and responsibilities Research in Surface Science

- Dates (from – to) 1977 - 1982
- Name and address of employer Fritz-Haber Institute of the Max-Planck-Society, Faradayweg 4-6, D-14195 Berlin, Germany
- Type of business or sector Public Research Foundation
- Occupation or position held Research Assistant
- Main activities and responsibilities Research in Semiconductor Electrochemistry

- Dates (from – to) 1981
- Name and address of employer Energy Research Institute, Department of Physics, Simon-Fraser-University, Burnaby (Vancouver), British Columbia, Canada
- Type of business or sector University
- Occupation or position held Guest Professor
- Main activities and responsibilities Teaching and research

- Dates (from – to) 1976 - 1977
- Name and address of employer Department of Chemistry, University of Kentucky, Lexington, Kentucky, USA.
- Type of business or sector University
- Occupation or position held Research and Teaching Assistant
- Main activities and responsibilities Fundamental Research and Teaching in Physical Chemistry

EDUCATION AND TRAINING

- Dates (from – to) 1988 - 1994
- Name and type of organisation providing education and training Free University Berlin, Berlin, Germany
- Principal subjects/occupational skills covered Lecturer
 - Title of qualification awarded Privatdozent (Priv.-Doz.) for Physical Chemistry
 - Level in national classification Priv.-Doz.
- Dates (from – to) 1977 - 1980
- Name and type of organisation providing education and training University of Technology Berlin, Berlin, Germany
- Principal subjects/occupational skills covered PhD
 - Title of qualification awarded Doktoringenieur (Dr.-Ing.)
 - Level in national classification Dr.-Ing. (Dr. techn.)
- Dates (from – to) 1971 - 1976
- Name and type of organisation providing education and training Vienna University of Technology, Vienna, Austria
- Principal subjects/occupational skills covered Chemistry and Chemical Engineering
 - Title of qualification awarded Diplom-Ingenieur (Dipl.-Ing.)
 - Level in national classification Dipl.-Ing. (M.Sc.)

**PERSONAL SKILLS
AND COMPETENCES**

Acquired in the course of life and career

MOTHER TONGUE

GERMAN

OTHER LANGUAGES

ENGLISH

- Reading skills
- Writing skills
- Verbal skills

excellent

excellent

excellent

FRENCH

- Reading skills
- Writing skills
- Verbal skills

basic

basic

basic

SOCIAL SKILLS

AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential

Work experience in US Canadian institutions

Management of multicultural research teams in own laboratory (French, Hungarian, Brazilian, Portuguese, Japanese, Chinese, Indian, Pakistani, Italian, Rumanian, Israeli, etc.)

ORGANISATIONAL SKILLS

AND COMPETENCES

Coordination and administration of people, projects and budgets; at work

Head of the Department of Physical Chemistry of the University of Vienna

Vice Chairperson of the Works Council of the scientific staff of the University of Vienna

Head of the Technical Services of the Faculty of Chemistry of the University of Vienna

Management of the Laboratory for Thin Film Technology of the Federal Institute for Materials Research and Testing, Berlin

President of the Erwin Schrödinger Society for Nanosciences (ESG)

Chairman of the Research Group "Physical Chemistry" of the Austrian Chemical Society (GÖCh)

Member of the Scientific Board of the Austrian Research Association (ÖFG)

Member of the "Permanent Board" of the German Bunsen Society for Physical Chemistry (DBG)

Tutor for Austria of the German Bunsen Society for Physical Chemistry (DBG)

Regional Representative of Austria at the International Society of Electrochemistry (ISE)

Chairman of the Strategy Board of the Centre of Excellence in Surface Technology and Materials (CEST), Wiener Neustadt

Teaching of multinational students in the English Master Course at the Free University Berlin

Teaching of fundamental Physical Chemistry Bachelor and advanced Master and PhD courses at the University of Vienna

Committee of more than 35 international conferences

Organizer of more than 7 international conferences

Organizer of numerous workshops for European research projects

Research Focus in

novel electrochemical in-situ diagnostics,

Femto-electrochemistry of hot electrons,

Bioelectrochemistry,

NLO interaction of ultrashort laser pulses with mater,

aperture-free Scanning Nearfield Optical Microscopy (a-SNOM),

Laser excitation of nanoscale self-organized surface processes,

Laser cleaning of cultural heritage artefacts,

Laser medicine and nano-medicine (ophthalmology, dermatology, etc.)

**SCIENTIFIC AND TECHNICAL
SKILLS AND COMPETENCES**

Experimental Scientist and Professor of Physical Chemistry with the focus on the Physical Chemistry and nanotechnology of interfaces

More than 230 scientific publications