

## **Curriculum Vitae: Falko P. Netzer**

### **Education**

1951 – 1963	Primary and Secondary School, Innsbruck, Austria
1963	Matura, Innsbruck, Austria
1963 – 1971	University of Innsbruck, studies of chemistry and physics
April 1969 - December 1971	PhD Dissertation, Institute of Physical Chemistry, University of Innsbruck (Prof. Dr. H. L. Gruber): „Adsorption of hydrogen and oxygen on polycrystalline Pt foils and Pt catalysts“
18.12.1971	PhD graduation

### **Carrier History**

1970/1971	part-time assistant, Institute of Physical Chemistry, University of Innsbruck
1971 – 1991	Assistant-Professor, Institute of Physical Chemistry, University of Innsbruck
1973 – 1974	Postdoctoral Research Fellow, Department of Physics, University of York, England (Prof. M. Prutton)
Sept. 1976	research stay at the Institute of Physical Chemistry, University of Munich, Germany (Prof. G. Ertl)
Sept. 1978	Habilitation – Physical Chemistry, University of Innsbruck (“Adsorption of small molecules on metal single crystal surfaces”)
Nov./Dec. 1979	Guest scientist, Fritz-Haber-Institut of the Max-Planck-Gesellschaft, Berlin, Germany
1980 – 1981	Guestprofessor, Department of Physics, University of Maryland, College Park, MD (Prof. R.L. Park) and joint appointment as a guest scientist, National Bureau of Standards, Surface Science Division, Washington D.C., USA (T.E. Madey)
September/October 1983	Guest scientist, National Bureau of Standards, Surface Science Division, Washington D.C., USA (T.E. Madey)
October/November 1984	Guestprofessor, Department of Physics, University of Osnabrück, Osnabrück, Germany
February 1986	Award of title: Extraordinary University Professor, University of Innsbruck
September/December 1988	Guestprofessor Fritz-Haber-Institut of the

July 1989	Max-Planck-Gesellschaft, Berlin, Germany (Prof. A.M. Bradshaw)
January 1990	Call to the Chair of Experimental Physics, Karl-Franzens University Graz
August 1990	Call to the Chair of Physical Chemistry, University of Hamburg
Since September 1, 1991	Call to the Chair of Surface Science, Technical University of Darmstadt Full Professor of Experimental Physics, Karl-Franzens University Graz
March – September 2000,	Sabbatical at the University of California Berkeley, USA
July – September 2001	(hosted by Prof. G.A. Somorjai)
2000-2002	President of the Austrian Physical Society
2004-2007	Dean of Research, Faculty of Sciences, Karl-Franzens University Graz
March - June 2008	Sabbatical at the EPFL Lausanne, Switzerland (Prof. W.D. Schneider)
July - September 2008	Sabbatical at the Univ. of Washington, Seattle (Prof. C.W. Campbell)
since October 2013	Professor Emeritus at the Karl-Franzens University Graz
since September 2014	ASF Fellowships at the Pacific Northwest National Laboratory (PNNL)
(ongoing)	Richland, WA, USA (Dr. Z. Dohnalek)

**Memberships:** Austrian Physical Society, AAAS, American Vacuum Society (Fellow of the Society), Member of Editorial Board of *Surface Science*, Executive Committee of Surface Science Division of the American Vacuum Society, numerous Advisory Boards and Evaluation Committees (synchrotron radiation, ERC, etc.)

**Publications/invited lectures:** > 415 publications (h:51), > 70 invited talks at internat. conferences

**Funding ID - fundamental research:**

1976 – 2007	14 individual 2-3 year grants funded by Austrian Research Funds (FWF), Austrian National Bank, EU: numerous short-term EU TMR grants
1996 – 2007	SFB S918 (“Electroactive materials”)
1998 – 2003	National Research Network S81 (“Gas-surface interactions”), coordinator
2004 – 2009	National Research Network S90 (“Nanoscience on surfaces”), coordinator
2004 – 2007	EU FP6 STREP: GSOMEN
2006 - 2010	EU COST D41 "Inorganic oxide surfaces and interfaces"
2008 - 2013	ERC Advanced Grant "Search for emergent phenomena of oxide nanostructures"
2012 - 2015	EU COST CM 1104 "Reducible oxide surfaces"

**Projects with industrial partners:**

1996 - 1999

Plansee Group Austria: "Low-temperature oxidation of molybdenum"

2005 - 2009

Infineon Technologies Austria: "Silicide formation by ion beam mixing"