

## **Prof. Dr. Wolfgang Knoll**

*AIT Austrian Institute of Technology, Vienna, Austria*

*and*

*Danube Private University, Krems, Austria*

### **Areas of Expertise**

(Bio-)Physics, Optics, Surface Science, Materials Science, (Bio-) Sensor Development

### **Education and Appointments**

1973 Diploma - Physics, Technical University of Karlsruhe  
1976 Ph.D. - Biophysics, University of Konstanz  
1976-1977 Postdoctoral Fellow, University of Konstanz  
1977-1980 Postdoctoral Fellow, University of Ulm  
1980-1981 Postdoctoral Fellow, IBM Research Laboratory, San José, CA  
1981 Visiting Scientist, Institute Laue-Langevin, Grenoble, France  
1981-1986 Assistant Professor, Technical University of Munich  
1985 Visiting Scientist, IBM Research Laboratory, San José, CA  
1986 Postdoctoral Degree: "Habilitation" - Physics, Technical University of Munich  
1986-1991 Young Investigator/Associate Professor, Max Planck Institute for Polymer Research, Mainz  
1988 Visiting Scientist, Optical Sciences Center, Tucson, AZ  
1990 Visiting Scientist, Dept. of Chem. & Nuc. Engineering, UC Santa Barbara, CA  
1990-1991 Visiting Professor, University of Erlangen  
1991-1999 Head of Laboratory for Exotic Nano-Materials, Frontier Research Program, RIKEN-Institute, Japan  
1992-2010 Consulting Professor, Department of Chemical Engineering, Stanford University, Stanford, CA  
1993-2008 Director, Max-Planck-Institut für Polymerforschung, Mainz  
since 1998 Professor (by Courtesy) Chemistry Department, University of Florida, Gainesville, FL  
since 1999 Adjunct Professor, Hanyang University, Korea  
1999-2003 Temasek Professor, National University of Singapore  
2004-2013 Visiting Principal Scientist, Institute of Materials Research and Engineering, Singapore  
since 2008 Scientific Managing Director, AIT Austrian Institute of Technology GmbH, Wien  
since 2009 Honorary Professor, University of Natural Resources and Applied Life Sciences, Wien  
2009-2017 Visiting Professor, Nanyang Technological University, Singapore  
2018-2021 Visiting Professor, University of Parma, Italy  
since 2021 Honorary Professor, Danube Private University, Krems, Austria

### **Honours**

Heisenberg Fellow of the Deutsche Forschungsgemeinschaft, 1986  
Merck Centennial Lecturer, University of Iowa, Ames, 1988  
Heinrich-Welker-Award, Siemens/Universität Erlangen, 1990  
Eugen-und-Ilse-Seibold Award of the Deutsche Forschungsgemeinschaft, 2003  
Exner Medal, Österreichischer Gewerbeverein, 2008  
Regular Member of the Austrian Academy of Sciences, 2010  
Honorary Doctorate, University of Twente, The Netherlands. 2011  
Member of the Academia Europaea, 2017

Wolfgang Knoll published more than 950 papers with over 54000 citations, which earned him an h-index of 121 (Google Scholar).