

## Prof. Dr. Richard Buchner

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## Curriculum Vitae

### Personal Data

Born February 10, 1955 in Schöffau, municipality of Rotthalmünster, district of Passau, Germany; nationality: German.

Married, one daughter and two sons.

Member of the *Gesellschaft Deutscher Chemiker*, of the *Deutsche Bunsen-Gesellschaft für Physikalische Chemie*, and of the *European Molecular Liquids Group*.

Languages: English fluently, good reading knowledge of French.

### Education, Military Service

09.1966 – 06.75 Gymnasium (highschool) Pocking, degree: Abitur, mark: *very good*.  
07.75 – 09.76 Military service  
11.76 – 03.82 Undergraduate student of chemistry (Dipl.Chem.) at the University of Regensburg.  
Oral diploma examination in March 1981, then diploma thesis on *Dielectric Properties of Aqueous Cadmium Sulfate Solutions* at the Institut für Physikalische und Theoretische Chemie under supervision of Prof. J. Barthel.  
On March 2, 1982 award of the degree *Diplomchemiker* with mark *very good*.

### Scientific Experience

04.1982 – 03.1986 PhD thesis on *The Influence of Electrolytes and Non-polar Substances on the Dielectric Properties of Methanol and Water in the Gigahertz Range* at the Institut für Physikalische und Theoretische Chemie, University of Regensburg, under supervision of Prof. J. Barthel. During that time teaching duties as junior research assistant.  
On March 21, 1986 award of the doctoral degree (Dr. rer.nat.) with mark *magna cum laude*.

- since 04.1986 *Akademischer Rat* (senior research assistant) at the Institut für Physikalische und Theoretische Chemie, University of Regensburg. Lecture courses and laboratory classes for undergraduate students of chemistry (Dipl.Chem.) and pharmacy.
- 09.1986 – 08.1987 NATO Research Fellow in the group of Prof. J. Yarwood, University of Durham, United Kingdom (far-infrared spectroscopy of liquids with intermolecular hydrogen bonds).  
In Regensburg development of methods for dielectric relaxation spectroscopy of liquids; investigation of electrolytes, surfactant systems etc.
- 10.1996 Guest Scientist at the Dept. of Molecular Design and Engineering (Prof. H. Nomura), Nagoya University, Japan (Fellow of the *Japan Society for the Promotion of Science*).
- 03.1997 Appointed *Akademischer Oberrat* at the University of Regensburg.
- 06.1997 Habilitation in Physical Chemistry with the Habilitationsschrift (thesis) *Development of a Time-Domain Reflectometer for the Investigation of Ion-pair Relaxation in Electrolyte Solutions*.
- 08.1997 Appointed *Privatdozent* at the University of Regensburg.
- 10.1997 – 09.1998 Visiting Research Fellow of Murdoch University, Division of Science (Chemistry) in Perth, Australia on invitation by Prof. G.T. Hefter (also 09.-10.2001, 03.2002, 03.2003, 03.2005, 03.2006, 07-08.2007).
- 12.2003 Appointed *außerplanmäßiger Professor* (adjunct professor)
- 02.2007 Appointed *Akademischer Direktor*

#### **Further Tasks**

- since 08.1995 Member of the Editorial Board of the *Journal of Molecular Liquids*.
- 09.2003 Chairman of the *Euroconference on Molecular Liquids* in Castelvechio Pascoli, Italy (09/2001 Vice-Chairman in Obernai, France).
- since 09.2003 Member of the *International Advisory Committee* to the *European Molecular Liquids Group*.
- 07.2005 Member of the Committee of the Greek Ministry of Development for the evaluation of the Institute of Physical Chemistry of the *National Center for Scientific Research "Demokritos"* and of the Institute of Theoretical and Physical Chemistry of the *National Hellenic Research Foundation*
- since 10.2007 Chairman of the *European Molecular Liquids Group*