

## 2 CV

### 1. Personal file

**Name:** Roberto Ruy Marquardt

**Born:** 1960

### 2. Domain of activity

Teaching at university level and fundamental scientific research in molecular physics: molecular spectroscopy and molecular quantum dynamics.



### 3. Professional experience and recognition

**2016** Visiting professor at the Beijing Normal University, China

**2016** Schrödinger medal from the International Symposium of Atomic and Surface Physics

**2015** Lady Davis fellow and guest researcher at the Israel Institute of Technology (Technion), Haifa

**2013 - 2017** Coordinator of the French-Chinese network in theoretical chemistry

**2013** Fellow of the Japanese Society for the Progress of Science and guest researcher at the University of Tokyo

**2012 - 2019** Co-editor of the Elsevier online encyclopedia “Chemistry, Molecular Sciences and Chemical Engineering”

**2006 - to date** Professor of chemistry at Université de Strasbourg (Université Louis Pasteur until 2008), France

**2006-2010** Member of the “Commission Spécialisée de Terminologie et de Néologie de la Chimie et des Matériaux (MEFI, DGLFLF)”

**1998-2006** Professor of Chemistry at Université de Marne-la-Vallée, France

**1997 - to date** Several positions within the International Union of Pure and Applied Chemistry, incl. president of Division I (2014-2015); currently secretary of Commission I.1

**1996-1998** Professor of Physics at the Physical Institute of Universidade Federal de Rio Grande do Sul, Brazil

**1994-1996** Research and teaching assistant at the Laboratory of Physical Chemistry, ETH Zurich

**1993-1994** Invited professor at the Chemistry Institute, Universidade de São Paulo, Brazil

**1989-1993** Research and teaching assistant at the Laboratory of Physical Chemistry, ETH Zurich

**1985-1989** PhD-student and teaching assistant at the Laboratory of Physical Chemistry, ETH Zurich

#### 4. Education

**1998** Habilitation (*venia legendi*), Chemistry Faculty, ETH Zurich

**1989** PhD in natural sciences, ETH Zurich

**1985-1989** PhD work under the direction of Professor M. Quack, ETH Zurich

**1985** Diploma in physics from ETH Zurich, under the direction of Professor T. M. Rice

**1980-1985** University education in physics, at the Eidgenössische Technische Hochschule Zurich (ETH Zurich) Switzerland

**1980** College degree (federal maturity degree) from the Rämibühl state (canton) college in Zurich

**1967-1980** Primary school in Porto Alegre, high school and college in Hamburg, Stockholm, and Zurich

#### 5. Representative publications

- [1] R. Marquardt, N. S. Gonçalves, and O. Sala, *J. Chem. Phys.*, **103**, 8391–8403 (1995).
- [2] S. Hervé, F. Le Quéré, and R. Marquardt, *J. Chem. Phys.*, **116**, 3300–3308 (2002).
- [3] R. Marquardt, M. Sanrey, F. Gatti, and F. Le Quéré, *J. Chem. Phys.*, **133**, 174302 (2010).
- [4] T. Firmino, R. Marquardt, F. Gatti, and W. Dong, *J. Phys. Chem. Lett.*, **5**, 4270–4274 (2014).
- [5] O. Bindech, F. Gatti, S. Mandal, R. Marquardt, L. Shi, and J. C. Tremblay, *Molecular Physics*, **0**, e2322023 (2024).