

Curriculum Vitae Prof. Dr. Christel Maria Marian

PERSONAL INFORMATION

Family name, First name: Marian, Christel Maria
Researcher unique identifier: ResearcherID L-1561-2016 / ORCID 0000-0001-7148-0900
Date of birth: 04.06.1954
Nationality: German
URL for web site: <http://www.theochem.hhu.de>
Children: Esther (17.04.1977*), Hanna (08.01.1981*)

• EDUCATION

1991 Habilitation in Theoretical Chemistry from the Faculty of Mathematics and Natural Sciences (MNF), Rheinische-Friedrich-Wilhelms-Universität (RFWU) Bonn, Germany
1980 Doctorate (Dr. rer. nat.), MNF, RFWU Bonn, Germany
1977 Diploma in Chemistry, MNF, Chemistry Department, RFWU Bonn, Germany
1974 Pre-diploma in Chemistry, MNF, Chemistry Department, Universität zu Köln, Germany

• CURRENT POSITION(S)

2001 – Full Professor (C4) for Theoretical and Computational Chemistry
MNF, Chemistry Department, Heinrich-Heine-Universität (HHU) Düsseldorf, Germany

• PREVIOUS POSITIONS

1997 – 2001 Senior Scientist, Scientific Computing and Algorithms Institute (SCAI), GMD National Research Center for Information Technology, St. Augustin, Germany
1999 – 2001 Deputy Professor (C4) for Theoretical Chemistry, MNF, HHU Düsseldorf, Germany
1995 – 1997 Assistant Professor (C2) for Theoretical Chemistry, MNF, RFWU Bonn, Germany
1994 – 1995 Deputy Professor (C3) for Theoretical Chemistry, Faculty 09 Chemistry, Pharmaceutical Sciences, and Geosciences, Johannes-Gutenberg-Universität (JGU) Mainz, Germany
1991 – 1994 Assistant Professor (C2) for Theoretical Chemistry, MNF, RFWU Bonn, Germany
1988 – 1991 Habilitation Appointment (C1), MNF, RFWU Bonn, Germany
1986 – 1988 Postdoctoral Researcher (Prof. Per E.M. Siegbahn),
Mathematics-Physics Section, Fysikum, Stockholms Universitet, Sweden
1981 – 1986 Research Associate (Prof. Sigrid D. Peyerimhoff)
MNF, Chemistry Department, RFWU Bonn, Germany
1977 – 1980 Research Assistant (Prof. Sigrid D. Peyerimhoff)
MNF, Chemistry Department, RFWU Bonn, Germany

• FELLOWSHIPS AND AWARDS

2014 Elected Member of the North Rhine-Westphalian Academy of Sciences and Arts, Germany
2012 Zernike Guest Professor / MNF/ Rijksuniversiteit Groningen, The Netherlands
2011 Invited Guest Professor/ IRSAMC/Université Paul Sabatier Toulouse, France
2006 Sabbatical (Prof. Hans Ågren), Fysikum, Kungliga Tekniska Högskolan (KTH), Sweden,
Fellowship of the Deutsche Forschungsgemeinschaft (DFG), Germany
1994 Nernst-Haber-Bodenstein Prize / Deutsche Bunsengesellschaft (DBG), Germany
1986 – 1988 Research Fellowship / Naturvetenskapliga Forskningsrådet (NFR), Sweden
1986 – 1988 Postdoctoral Fellowship / Deutsche Forschungsgemeinschaft (DFG), Germany

- **TEACHING ACTIVITIES**

- 1991 – Professor with undergraduate and graduate courses (lectures, exercises, lab courses) in quantum chemistry, molecular modelling, theoretical spectroscopy, relativistic quantum chemistry and group theory at RFWU Bonn, JGU Mainz and HHU Düsseldorf, Germany
- 1996 – 2013 Lecturer at various graduate schools on topics of quantum chemistry and theoretical spectroscopy / NATO Summer School Bad Windsheim (1996) Germany/ Université Paul Sabatier Toulouse (2011) France, Winter School Helsinki (2013, 2017) Finland/ XXIIInd Krutyń Summer School (2017) Poland

- **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

- 2001 – 2016 5 Postdocs (+1 ongoing) / 13 PhD (+5 ongoing)/ 15 Master or Diploma Students (+3 ongoing), 23 Bachelor Students (+3 ongoing)
MNF, Chemistry Department, HHU Düsseldorf, Germany
- 1991 – 2001 1 Postdoc/ 4 PhD / 7 Diploma Students,
MNF, Chemistry Department, RFWU Bonn, Germany

- **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2009 Organizer, 45th Symposium of Theoretical Chemistry “Electronically Excited Molecules: Structure and Dynamics“ / 256 participants / Neuss, Germany
- 2007 Organizer, CRC 663 Symposium ”Molecular Response to Electronic Excitation“/ 89 participants / Bad Münstereifel, Germany
- 2005 Organizer, International Conference REHE 2005 “Computational Approaches to Spin-Magnetic Properties” / 79 participants / Mülheim(Ruhr), Germany
- 1997 Co-Organizer, International Conference “Moving Frontiers in Quantum Molecular Science“, ca. 100 participants, Bonn, Germany

- **INSTITUTIONAL RESPONSIBILITIES**

- 2011 – 2015 Dean of the Faculty of Mathematics and Natural Sciences, HHU Düsseldorf, Germany
- 2010 – 2011 Vice Dean of the Faculty of Mathematics and Natural Sciences, HHU Düsseldorf, Germany
- 2010 – 2011 Chairperson of the Interdisciplinary Graduate and Research Academy Düsseldorf (iGRAD) MNF, HHU Düsseldorf, Germany

- **COMMISSIONS OF TRUST**

- 2010 – 2016 Committee for IT Infrastructure (KfR) / Deutsche Forschungsgemeinschaft / Germany
- 2003 – 2011 Scientific Advisory Board of the Feodor-Lynen-Programme / Alexander von Humboldt Stiftung / Germany
- 2005 – 2010 Spokesperson of the DFG Collaborative Research Centre 663 ”Molecular Response to Electronic Excitation“ / HHU Düsseldorf / Germany
- 2001 –2006 Hellmann Prize Committee (Chairperson) / AG Theoretische Chemie / Germany

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2014 – North Rhine-Westphalian Academy of Sciences, Humanities and the Arts, Germany
- 2005 – Gesellschaft Deutscher Chemiker
- 1993 – Deutsche Bunsengesellschaft
- 1992 – Arbeitsgemeinschaft Theoretische Chemie
- 1982 – Deutsche Physikalische Gesellschaft

- **CAREER BREAKS**

- 1984 – 1986 Part-time employment, child care
- 1981 Birth of daughter Hanna Frauke, maternal leave 6 months (January-June)
- 1977 – 1980 Part-time employment, child care
- 1977 Birth of daughter Esther Marie, maternal leave 4 months (April-July)