

- **PERSONAL INFORMATION**

Ruth Signorell, Professor of Physical Chemistry, ETH Zurich Switzerland

URL for web site: <http://www.aerosol.ethz.ch/>

- **EDUCATION**

1996 – 1999 PhD, Laboratory of Physical Chemistry, ETH Zurich, Switzerland
1995 – 1996 Diploma (Master) in Physics and Chemistry, ETH Zürich, Switzerland
1994 – 1996 Studies in Didactics for Higher Education, ETH Zürich, Switzerland
1991 – 1996 Studies in Physics and Chemistry, ETH Zürich, Switzerland
1990 – 1991 Studies of Mathematics, University of Zurich, Switzerland

- **EMPLOYMENT HISTORY**

CURRENT POSITIONS

11/2012 **Full Professor; Physical Chemistry; ETH Zürich, Switzerland**

PREVIOUS POSITIONS

2012 - 2017 Adjunct Professor; Physical Chemistry; University of British Columbia, Canada
2009 – 2012 Full Professor; Physical Chemistry; University of British Columbia, Canada
2005 – 2009 Associate Professor with tenure; Physical Chemistry; University of British Columbia, Canada
2002 – 2005 Assistant Professor; Physical Chemistry; Georg-August-Universität Göttingen, Germany
2001 – 2002 Senior Research Associate (C1); Physical Chemistry; Georg-August-Universität Göttingen, Germany
2000 – 2000 Postdoctoral Fellow; Chemistry; Georg-August-Universität Göttingen, Germany
1999 – 1999 Research Associate; Chemistry; ETH Zurich
1996 – 1999 Teaching Assistant; Chemistry; ETH Zurich
1994 – 1996 High School Teacher; Physics; AKAD Zürich

- **PRIZES, AWARDS, FELLOWSHIPS**

2022 **Doron Prize 2022**, Swiss Foundation for the Doron Prize, “For organizations and individuals which have achieved remarkable results in their scientific work.” 100,000€ prize money.

since 2020 **Member of the European Academy of Sciences (EURASC)**

2019 **Humboldt Prize**; Alexander von Humboldt Foundation, “The Humboldt Research Award is granted in recognition of past outstanding accomplishments in research and teaching”, 60,000€ prize money.

2019 **Mildred Dresselhaus Award and Mildred Dresselhaus Guest Professorship**; Centre for Ultrafast Imaging Hamburg, “For advancing the fundamental understanding of physical and chemical properties of aerosols and nanoparticles ubiquitous in our world” 20,000€ prize money and up to 30,000€ allowances for guest professorship

2018 – 2023 **ERC Advanced Grant**; European Research Council

2011 – 2013 **E. W. R. Steacie Memorial Fellowship**; Natural Sciences and Engineering Research Council of Canada, This is the most prestigious Canadian fellowship that comes with relief from teaching and administrative duties, a research grant of 230,000€ and a grant for salary and the enhancement of research environment of 160,000€

2010 – 2015 **Dean’s Distinguished Scholar**; University of British Columbia, Dean of the Faculty of Science, 115,000€

2010 – 2011 **UBC Science Undergraduate Society Teaching Award**; The Science Undergraduate Society of UBC, “In honour of your outstanding work and dedication towards the science student community”

2010 **Keith Laidler Award**; Canadian Society for Chemistry, “For a distinguished contribution to the field of Physical Chemistry”

2009 **Thermo Fisher Scientific Spectroscopy Award**; Canadian Society for Analytical Sciences and Spectroscopy, “In recognition of outstanding contributions to the science of spectroscopy”

2008 **Killam Faculty Research Prize** for excellence in research

2008 – 2010 **Discovery Accelerator Supplement**; Natural Sciences and Engineering Research Council of Canada, “To accelerate progress and maximize the impact of superior research programs” 110,000€

2007 – 2009 **A. P. Sloan Research Fellowship**; A. P. Sloan Foundation USA, Most prestigious North-American fellowship for early-career scientists; 40,000€

2005 **Werner Prize 2005**; Swiss Chemical Society, “For young Swiss scientist or scientist working in Switzerland for outstanding independent chemical research”

2003 – 2004 **Research Award for Assistant Professors**; German Fonds of the Chemical Industry; 75,000€

2000 – 2003 **Postdoctoral Fellowship**; German Academy of Natural Scientists, Leopoldina 190,000€

2000 – 2001 **Postdoctoral Fellowship**; Swiss National Science Foundation (declined in favour of the Leopoldina Fellowship)

1999 – 1999 **Medal of the ETH**; Swiss Federal Institute of Technology (ETH Zürich), “For an outstanding PhD thesis”

1996 – 1999 **PhD Fellowship**; Robert-Gnehm-Foundation, 110,000€

• EDITORIAL BOARDS

- since 2019 Advisory Board Member of CELL REPORTS PHYSICAL SCIENCE
- since 2019 Editorial Board Member of THE JOURNAL OF AEROSOL SCIENCE
- since 2019 International Advisory Board Member of PHYSICAL CHEMISTRY CHEMICAL PHYSICS (PCCP)
- since 2018 Advisory Editorial Board Member of CHEMICAL PHYSICS LETTERS X (CPL X)
- 2016 – 2019 Associate Editor and Editorial Board Member of PHYSICAL CHEMISTRY CHEMICAL PHYSICS (PCCP)
- since 2016 Advisory Editorial Board Member of CHEMICAL PHYSICS LETTERS (CPL)
- since 2010 Advisory Board Member of MOLECULAR PHYSICS (Mol. Phys.)
- 2006 – 2016 International Advisory Board Member of PHYSICAL CHEMISTRY CHEMICAL PHYSICS (PCCP)
- 2006 – 2010 Editorial Board Member of MOLECULAR PHYSICS (Mol. Phys.)