

Max Planck Institute for the Physics of Complex Systems

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RESEARCH

- | | |
|----------------|---|
| since 2002 | Technical University of Dresden, Germany
<i>Professor of Biophysics</i> |
| since 2002 | Max Planck Institute for the Physics of Complex Systems,
Dresden, Germany
<i>Director</i> |
| 1998 – 2001 | Physico-Chimie Curie, Institut Curie, Paris, France
<i>CNRS research position</i> |
| 1996 – 1998 | Physico-Chimie Curie, Institut Curie, Paris and
Physicochimie Theorique, ESPCI, Paris, France
<i>Postdoctoral research</i> |
| 1994 – 1996 | Department of Physics, Simon Fraser University,
Vancouver, Canada
<i>Postdoctoral research</i> |
| Aug.-Dec. 1994 | Institute for Theoretical Physics, University of California,
Santa Barbara, USA.
<i>Participation at a research program on biomembranes</i> |
| 1991 – 1994 | Institute for Solid State Research, Research Center Jülich, Germany
<i>Doctoral thesis. "The Morphology of Vesicles"</i>
<i>Supervisor: Prof. Reinhard Lipowsky</i> |
| 1990 – 1991 | Institute for Medicine, Research Center Jülich, Germany
<i>Reconstruction and analysis of Positron Emission Tomography images</i> |
| 1989 | Institute for Solid State Research, Research Center Jülich, Germany
<i>Diploma thesis "Funktionale Renormierung an einem Modell zum
Benetzungsübergang". Supervisor: Prof. H. Müller-Krumbhaar</i> |

EDUCATION

Oct. 2000	University of Paris VII: <i>Habilitation</i>
April 1994	University of Cologne, Germany: <i>Doctoral degree in physics "mit Auszeichnung"</i>
May 1990	Diploma in physics, "mit Auszeichnung"
1986 – 1990	Rheinisch-Westfälische Technische Hochschule Aachen (RWTH Aachen University), Germany: <i>Graduate studies in physics</i>
1984 – 1986	University of Stuttgart, Germany: <i>Undergraduate studies</i>

HONORS AND AWARDS

2022	Elected Member of the Deutsche Akademie der Naturforscher Leopoldina
since 2018	Elected Member of the European Molecular Biology Organization (EMBO)
2017	Gottfried Wilhelm Leibniz-Preis 2017 of the Deutsche Forschungsgemeinschaft
since 2013	Ordinary Member of the Akademie der Wissenschaften und der Literatur, Mainz
2007	The Raymond and Beverly Sackler International Prize in Biophysics <i>administered by the University of Tel Aviv</i>
2006	Robert-Wichard-Pohl Prize of the DPG (Deutsche Physikalische Gesellschaft)
1990	Springorum Prize <i>of the Rheinisch-Westfälische Technische Hochschule Aachen (RWTH Aachen University)</i>

FELLOWSHIPS

1996	Marie Curie Fellowship <i>of the European Union</i>
1994	International Postdoctoral Fellowship <i>of the National Sciences and Engineering Research Council of Canada (NSERC)</i>

JOURNAL EDITOR

2014 – 2020	Board of Reviewing Editors eLife
2008 – 2014	Editor in Chief, European Physical Journal E
2003 – 2008	Editorial Board Member, European Physical Journal E
2003 – 2008	Editorial Board Member, Physical Biology
1998 – 2009	Editorial Board Member, New Journal of Physics

PROFESSIONAL ACTIVITIES

since 2021	European Molecular Biology Laboratory (EMBL) Member of the Scientific Advisory Committee
2019 – 2021	Cluster of Excellence, Physics of Life, TU Dresden Co-Speaker
since 2013	Center for Systems Biology Dresden Steering Committee member, Chair 2013 – 2015
2012 – 2020	Study Section “Grundlagen der Biologie und Medizin”, German Science Foundation (DFG), Member
2010 – 2015	Board of Trustees <i>Physik Journal</i> Member
2007 – 2009	<i>ISC - Institut des Sciences de la Complexité, Paris</i> <i>RNSC – Réseau National des Systemes Complexes</i> Member of Scientific Committee
2007 – 2009	Soft Comp - International Advisory Board Member
2007 – 2009	Division Biological Physics of the DPG, Chair (<i>Deutsche Physikalische Gesellschaft</i>)
2008 – 2017	SystemsX.ch – Panel Member
2005 – 2007	HFSP Fellowship Committee Member