

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

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
since 2019	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