

**Max Planck Institute for the Physics of Complex Systems**

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**RESEARCH**

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

## EDUCATION

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

## HONORS AND AWARDS

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- 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  
*administered by the University of Tel Aviv*
- 2006      Robert-Wichard-Pohl Prize  
of the DPG (Deutsche Physikalische Gesellschaft)
- 1990      Springorum Prize  
*of the Rheinisch-Westfälische Technische Hochschule Aachen  
(RWTH Aachen University)*

## FELLOWSHIPS

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- 1996      Marie Curie Fellowship  
*of the European Union*
- 1994      International Postdoctoral Fellowship  
*of the National Sciences and Engineering Research Council of Canada  
(NSERC)*

## JOURNAL EDITOR

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since 2014	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

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