

# CURRICULUM VITAE

**Claus Heussinger**

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Date of birth: 23.02.1976  
Place of birth: Kulmbach, Germany  
Marital status: Married, two children

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## EDUCATION

**10/07** PhD in Physics  
Thesis title: *On the Elasticity of Stiff Polymer Networks*  
Thesis advisor: Prof. Erwin Frey  
Final grade: **summa cum laude**

**08/02** Diploma in Physics  
Thesis title: *Factorized random interactions in fermionic spin systems*  
Thesis advisor: Prof. Reinhold Oppermann  
Final grade: **with distinction (1.0)**

**10/96 - 08/02** Undergraduate physics studies at the Universities of Bayreuth and Würzburg

**09/99 - 07/00** Undergraduate studies at the University of Edinburgh, UK

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## ACADEMIC CAREER

<b>since 01/12</b>	Group leader of an independent junior research group (Emmy Noether program of the DFG) at the Institute for Theoretical Physics, University of Göttingen
<b>08/10 - 12/11</b>	Postdoctoral fellow at the Institute for Theoretical Physics, University of Göttingen
<b>10/07 - 07/10</b>	Postdoctoral fellow at the LPMCN, Université Lyon 1
<b>04/05 - 10/07</b>	Research assistant at the Arnold-Sommerfeld Center, Ludwig-Maximilians University, Munich.
<b>03/03 - 03/05</b>	Research assistant at the Hahn-Meitner Institute, Berlin

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## AWARDS and FELLOWSHIPS

<b>09/11</b>	Five-year Emmy Noether fellowship (DFG)
<b>08/08</b>	Two-year Humboldt fellowship, Feodor Lynen program
<b>06/08</b>	Award for the promotion of young scientists of the “Münchener Universitätsgesellschaft”
<b>01/08</b>	Award for the best PhD-thesis at the ASC-Munich
<b>12/07</b>	Publication award of the Center for Nano-Science (CeNS), Munich: “Mechanics of bundled semiflexible polymer networks”

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## TEACHING EXPERIENCE

<b>WiSe 2011</b>	Lecture: Theoretical biophysics
<b>SoSe 2011</b>	Excercise class: Computer assisted scientific computing
<b>2011</b>	Supervision of Bachelor students
<b>2007/2008</b>	Supervision of diploma students
<b>2001-2007</b>	Teaching assistant in various theoretical physics and applied math courses

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## INVITED TALKS

- 02/12** "Particle dynamics close to jamming"  
J. A. Krumhansl Symposium, Bangalore, India
- 03/10** "Single and collective particle dynamics close to jamming"  
March Meeting of the APS, Portland, USA
- 05/08** "On the elasticity of stiff polymers, their bundles, and their networks"  
Workshop "Structural biological networks", Warwick, UK
- 02/08** "Stiff polymers, foams and fiber networks"  
Meeting of the German Physical Society, Berlin
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## CONTRIBUTED TALKS

- 08/11** "Soft Condensed Matter", Gordon Research Seminar, New London (NH), USA
- 03/11** Meeting of the German Physical Society, Dresden
- 07/10** "Deformation, Flow and Rupture of Soft Matter", CNRS/JSPS Workshop, Lyon, France
- 10/09** "Cell Mechanics", WE-Heraeus Seminar, Bad Honnef, Germany
- 09/09** PhysCell, Primosten, Croatia
- 07/09** "Statistical Mechanics of Static Granular Media", Leiden, Netherlands
- 06/09** SiMaDes3, Montpellier, France
- 09/08** Seminar on Nonlinear Dynamics, Bayreuth, Germany
- 03/07** March Meeting of the APS, Denver, USA
- 03/07** Meeting of the German Physical Society, Regensburg
- 07/06** World Congress of Biomechanics, Munich, Germany
- 03/06** Meeting of the German Physical Society, Dresden
- 03/05** Meeting of the German Physical Society, Berlin

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## WORKSHOPS AND SCHOOLS

- 09/10** “Physics of colloidal suspensions and granular media”, Cargese, France
- 08/09** “Filamentous Assemblies”, Aspen Center for Physics, USA
- 09/05** Center for Nanoscience (CeNS) Workshop, Kleinwalsertal, Austria
- 03/05** E22 Winterschool, Technical University Munich, Antholz, Italy
- 03/04** ”Physics meets Biology”, Spring School of the IFF Jülich, Germany
- 10/03** ”Fiber Systems in Materials Science and biology/medicine”, WE-Heraeus Seminar, Weingarten, Germany
- 03/03** E22 Winterschool, Technical University Munich, Antholz, Italy

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## REFERENCES

Prof. Dr. Jean-Louis Barrat  
Laboratoire de Physique de la Matière Condensée et Nanostructures (LPMCN)  
Université Claude Bernard Lyon 1 et CNRS  
43 boulevard du 11 novembre 1918  
69622 Villeurbanne Cedex, France  
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