



Prof. Julien Bachmann, Ph. D.
Chair 'Chemistry of Thin Film Materials'
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Born on 3/30/1978 in Biel (CH) — Swiss citizen — married, three children

Native French speaker, fluent in English and German

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ACADEMIC CURRICULUM

- since 1/2020 **ATLANT 3D Nanosystems** (Kongens Lyngby, Denmark)
 Chief Scientist and co-founder (R&D, strategy, chemical process development)
- since 7/2017 **University of Erlangen-Nürnberg** (Erlangen, D), Chemistry Department
 Full Professor (W3) and Chair, Chemistry of Thin Film Materials
- 2017-2022 **Saint Petersburg State University** (Saint Petersburg, RUS), Institute of
 Chemistry, Chair of Laser Chemistry and Laser Materials Science
 Secondary appointment: Full Professor
- 2012-2017 **University of Erlangen-Nürnberg** (Erlangen, D), Chemistry Department
 Associate Professor (W2) of Inorganic Chemistry
- 2009-2012 **University of Hamburg** (Hamburg, D), Physics Department
 Junior Professor (W1)
- 2007-2009 **University of Hamburg**, Physics Department
 Senior scientist with Prof. K. Nielsch
- 2006-2007 **Max Planck Institute of Microstructure Physics** (Halle, D)
 Alexander von Humboldt Research Fellow with Prof. U. Gösele
- 2001-2006 **Massachusetts Institute of Technology** (Cambridge, USA), Chemistry Dept.
 Ph. D. student with Prof. D. G. Nocera
 Doctor of Philosophy in Inorganic Chemistry, 2006
- 1997-2001 **University of Lausanne** (Lausanne, CH), Chemistry Department
 Undergraduate student — Diploma thesis with Prof. C. Floriani
Diplôme de chimiste, 2001

COMMISSIONS OF TRUST

- Speaker Board, Interdisciplinary Center for Nanostructured Films (IZNF)
- Member Steering board, Excellence Cluster 'Engineering of Advanced Materials'
- Member Board, Department of Chemistry and Pharmacy
- Member Board of studies, Nanotechnology
- Member Erlangen Center for Interface Research and Catalysis
- Member Interdisciplinary Center for Molecular Materials

AWARDS

- 2022 **Proof of Concept grant**, European Research Council
- 2022 **Otto Mønsted Guest Professor**, Danish Technical University
- 2017 **Outstanding Reviewer Award for *Nanotechnology***, Institute of Physics
- 2015 **Consolidator grant**, European Research Council
- 2013 **Starting grant**, Cluster of Excellence 'Engineering of Advanced Materials', Erlangen
- Teaching prizes**, University of Hamburg Physics Department:
- 2012 First prize in the category "Advanced lectures"
- 2011 First prizes in "Advanced lectures" and in "Introductory lectures"
- 2010 First prize in "Advanced lectures", second prize in "Introductory lectures"
- 2009 Second prize in "Advanced lectures"
- 2010 **Zweite Mitgliedschaft in the Chemistry Department**, University of Hamburg
- 2009 **Bestätigung der Lehrbefähigung in Experimentalphysik**, University of Hamburg
- 2006 **Humboldt Research Fellowship**, Alexander von Humboldt Foundation
- 2005 **Morse travel grant**, MIT Chemistry Department
- 2005 **Bruker/MIT Symposium poster prize**, MIT Chemistry Department
- 2002 **Award for Excellence in Teaching by a Graduate Student**, MIT Chemistry Department
- 2002 **Syngenta Monthey Prize**, University of Lausanne
- 2001 **Presidential Fellowship**, MIT
- 2000 **Louis Pelet Prize**, University of Lausanne
- 1999 **Faculty Prize**, University of Lausanne

THIRD-PARTY FUNDING

>12 M€ secured since 2008

PUBLICATIONS

123 peer-reviewed research papers published since 2004

Impact (Web of Science): 2704 citations, H-index 29 (December 2021)