

Curriculum Vitae

Name:

Prof. Dr. Markus Pollnau

Birthdate and Place:

1965 in Hamburg, Germany

Education:

- University of Hamburg, Germany, 1986-1992.
Diploma in Physics, Institute of Laser Physics (Prof. G. Huber), 1992.
- University of Bern, Switzerland, 1992-1996.
Ph.D. in Physics, Institute of Applied Physics (Prof. H.P. Weber), 1996.

Employment:

- Postdoc, Optoelectronics Research Centre (Prof. D.C. Hanna),
University of Southampton, United Kingdom, 1996-1998.
- Postdoc, Department of Chemistry and Biochemistry (Prof. H.U. Güdel),
University of Bern, Switzerland, 1998-1999.
- Research Group Leader, Institute of Imaging and Applied Optics (Prof. R.P. Salathé),
Swiss Federal Institute of Technology, Lausanne, Switzerland, 1999-2004.
- Full Professor and Chair of the Integrated Optical Micro Systems Group,
University of Twente, Enschede, The Netherlands, 2004-2014.
- Chair of the Rare-Earth Lasers and Integrated Devices Group,
KTH–Royal Institute of Technology, Kista/Stockholm, Sweden, 2014-present.

Visiting Stages:

- Visiting Researcher, Department of Physics and Astronomy (Prof. T.A. King),
University of Manchester, United Kingdom, 1998-2000.
- Sabbatical, School of Engineering and Applied Sciences (Prof. E. Mazur),
Harvard University, Cambridge, Massachusetts, 2009.
- Guest Professor, Abbe School of Photonics,
Universität Jena, Germany, 2013.

Awards:

- Annual Physics Prize of the Faculty of Natural Sciences of the University of Bern, Switzerland, 1995.
- "Human Capital and Mobility" Research Fellowship of the European Union, 1996-1998.
- "Profil" Research Fellowship of the Swiss National Science Foundation, 1999-2004.
- "Vici" Personal Research Grant of the Netherlands Organisation for Scientific Research, 2006-2011.
- Fellow of the Optical Society of America, since 2013.
- ERC Advanced Grant of the European Research Council, 2014-2019.
- Fellow of the European Physical Society, since 2014.

Professional Activities:

- Consultant: Gemfire Corp., Palo Alto, CA, 1999-2000; Spire Corp., Bedford, MA, 2002-2003.
- Editorial: Topical Editor, Journal of the Optical Society of America B, 2007-2010;
Guest Editor, Focus Issue "*Lasers: The Next Fifty Years*", J. Opt. Soc. Am. B **27**, LF1 (2010);
Member of the Editorial Board of Laser Physics Letters, 2008-2011.
- Peer Reviews for International Journals (Selection): Nature, Nat. Photonics, Nat. Commun., Sci. Rep.,
Adv. Mater., Adv. Opt. Mater., Adv. Funct. Mater., Nanoscale, Phys. Rev. B, Appl. Phys. Lett., J. Appl. Phys.,
Laser Photonics Rev., Opt. Lett., Opt. Express, J. Opt. Soc. Am. B, Appl. Opt.,
IEEE J. Sel. Top. Quantum Electron., IEEE J. Quantum Electron., IEEE Photon. Technol. Lett., Appl. Phys. B,
Anal. Chem., Inorg. Chem., J. Chem. Phys., J. Phys. Chem.
- Participation in Major Conference Organizations (Selection):
Conference on Lasers and Electro-Optics (USA), 2001-2008
(Steering Committee Member, 2005-2008; Program Co-Chair, 2006; General Co-Chair, 2008).
Conference on Lasers and Electro-Optics Europe, 2005-2015
(Steering Committee Member, 2007-2015; Program Co-Chair, 2009; General Co-Chair, 2011).
EPS-QEOD Europhoton Conference on "Solid-State and Fiber Coherent Light Sources", 2004-2012
(Founding General Chair, 2004; Steering Committee Member, 2006-2012; Steering Committee Chair 2008).
International Laser Physics Workshop, 2004-2011
(Steering Committee Member, 2006-2011; General Co-Chair, 2006).
International Conference on Luminescence, 2005-2017.
- Memberships: Optical Society of America; Deutscher Hochschulverband;
European Physical Society (Quantum Electronics and Optics Division: Member 2007-2014, Chair 2011-2013).