

## Tabular CV and scientific track record JÜRGEN POPP

Name: Prof. Dr. Jürgen Popp  
Position: Chair for Physical Chemistry & Director Institute of Physical Chemistry Friedrich-Schiller University Jena  
and  
Scientific Director of the Institute of Photonic Technology  
Phone / Fax / E-Mail: +49 (0)3641 206300 / +49 (0)3641 206399 / [juergen.popp@ipht-jena.de](mailto:juergen.popp@ipht-jena.de)

### Research highlights

Application and development of innovative frequency-, time- and spatially resolved laser micro-spectroscopical methods and techniques, Molecular multidimensional imaging, localization, identification and structural analysis of biomolecules and biological systems, Derivation of structure-property as well as structure dynamics relationships, Biophotonics

### University Education and professional career since final degree

1986-1992 Studies of chemistry universities of Erlangen and Wuerzburg  
1992 Diploma in Chemistry, University Wuerzburg  
1992-1995 PhD studies, University Wuerzburg (Prof. Kiefer)  
1996 Postdoc, Yale University, New Haven/USA (Prof. Chang)  
1997-2000 Habilitation in physical chemistry, University Wuerzburg (Prof. Kiefer)  
2002- Chair of Physical Chemistry, FSU Jena  
2006- Scientific director, Institute of Photonic Technology, Jena

### Scientific Results & honors and awards

- Editor of 3 books, author of several book chapters, 448 publications in refereed journals, 9 patents, 6094 citations, h-index: 37 (Source: Web of Science 10/13)
- Funding: more than 30 Mio EUR since 2002
- More than 60 invited and plenary talks at national and international conferences since 2007
- Research training: 27 PhDs completed since 2006 and 53 PhD candidatures in progress
- Zehetmaier Habilitation Award (1997)
- Cooperation Prize University of Wuerzburg (2001)
- Bunsen-Kirchhoff Award by the German Bunsen-Society (2002)
- Call for chair of Physical Chemistry at the University of Wuerzburg (declined)
- Fellow of the Society for Applied Spectroscopy (2009)
- Spie Fellow (2012)
- Guest professor Wuhan University, China
- Awarding honorary doctor's degree at Babes-Bolyai University Cluj-Napoca, 02.11.2012
- Research Award for Applied Sciences of the Free State of Thuringia, Germany, 2013
- Robert-Kellner-Lecture Award, 2013

### Interdisciplinary affiliations, administrative experience

- Coordinator main research framework "Biophotonic" supported by the German Ministry of Education and Research (BMBF)
- Executive Director Abbe Center of Photonics (since 2013)
- Coordinator of PHOTONICS4LIFE a European Network of Excellence for Biophotonics (since 2008)
- Editor-in-Chief „Journal of Biophotonics“ (since 2008)
- Member BMBF- program committee „Optical Technology“ (since 2005)
- Board of Stakeholders - „Photonics 21“ (since 2008)
- Member scientific advisory board JENOPTIK AG (since 2007)
- Member university council of the University of Applied Sciences Jena, Germany (since 2012)

### Best Five Publications since 2008

1. S. Dochow, M. Becker, R. Spittel, C. Beleites, S. Stanca, I. Latka, K. Schuster, J. Kobelke, S. Unger, T. Henkel, G. Mayer, J. Albert, M. Rothhardt, C. Krafft, J. Popp, Raman-on-chip device and detection fibres with fibre Bragg grating for analysis of solutions and particles, *Lab Chip* **2013**, *13*, 1109-1113.
2. P. Vargas Jentzsch, V. Ciobota, P. Rösch, J. Popp, Reactions of Alkaline Minerals in the Atmosphere, *Angew. Chem. Int. Ed.* **2013**, *52*, 1410–1413.
3. S. Stöckel, S. Meisel, M. Elschner, P. Rösch, J. Popp, Raman-spectroscopic detection of Anthrax endospores in hoax material, *Angew. Chem. Int. Ed.* **2012**, *51*, 5339–5342.
4. P. Recknagel, F. A. Gonnert, M. Westermann, S. Lambeck, A. Lupp, A. Rudiger, A. Dyson, J. E. Carre, A. Kortgen, C. Krafft, J. Popp, C. Sponholz, V. Fuhrmann, I. Hilger, R. A. Claus, N. C. Riedemann, R. Wetzker, M. Singer, M. Trauner, M. Bauer, Liver Dysfunction and Phosphatidylinositol-3-Kinase Signalling in Early Sepsis: Experimental Studies in Rodent Models of Peritonitis, *PLOS Medicine*, **2012**, *9*, e1001338.
5. S. Tschierlei, M. Karnahl, M. Presselt, B. Dietzek, J. Guthmuller, L. González, M. Schmitt, S. Rau, J. Popp, Photochemical fate: the first step determines efficiency of H<sub>2</sub> formation with a supramolecular photocatalyst, *Angew. Chem. Int. Ed.* **2010**, *49*, 3981-398

