

**Curriculum Vitae**  
Prof. Klaus Meerholz, Köln

---



**PERSONAL**

Date of birth            May 23rd, 1963 in Bielefeld, Germany  
Citizenship             German  
Marital status         married, 2 children

**CONTACT**

+49 221 470-3275, +49 177 877-4379  
klaus.meerholz@uni-koeln.de  
www.meerholz.uni-koeln.de

**PROFESSIONAL ACTIVITIES**

Since 2017                Chair of Cologne Graduate School of Chemistry (CGSC)  
Since 2015                Chair COPT Zentrum für Organische Elektronik an der Universität zu Köln  
Since 2011                President COPT.NRW e.V. (Center for Organic Production Technologies in NRW)  
Since 2009                CEO/CTO Zentrum für Organische Elektronik Köln (ZOEK gGmbH)  
2013 - 2015               Chair of the GDCh-Chapter Köln-Leverkusen  
2008 - 2013               Director of the Chemistry Department, University of Cologne  
2007 - 2015               Technology Transfer Officer of the Rectorate, University of Cologne  
since 2006                Editorial Board member of the *Macromolecular Physical Chemistry*  
2006 - 2009               President of the *Photochemistry* division within the GDCh  
2002 - 2005               Board member of the *Photochemistry* division within the GDCh

**EMPLOYMENT HISTORY**

since 02/02                W3-Professor (Chair) for Physical Chemistry, University of Köln  
09/99 – 01/02             Privatdozent (Associate Professor), Physical Chemistry, LMU Munich  
10/98 – 08/99             C3-Professor of Physical Chemistry, LMU Munich  
09/98                        Habilitation, Physical Chemistry, (Prof. Christoph Bräuchle, LMU Munich), "Multifunctional Polymers with Photorefractive and Electroluminescent Properties".  
09/95 – 09/98             Habilitant (Assistant Professor), Physical Chemistry Dept., LMU Munich  
09/93 - 08/95             Research Assistant Scientist, Optical Sciences Center, University of Arizona (Prof. Nasser Peyghambarian)  
02/93 - 08/93             Postdoc, State University of New York at Buffalo (Prof. Paras N. Prasad)  
08/91 - 02/93             Material Research Center, University of Freiburg, Germany  
04/91 - 08/91             Centre d'Énergie Atomique de Grenoble, France (Prof. Eric Vieil)

**EDUCATION**

06/92                        Ph.D.-Thesis, University of Freiburg (Prof. Jürgen Heinze)  
"Conjugated Oligomers - Model Compounds for the Understanding of Charge Storage and Conductivity Mechanism in Conducting Polymers", *summa cum laude*  
03/85 - 08/87             University of Freiburg, Germany, Master of Chemistry (Diploma)  
10/82 - 02/85             University of Bielefeld, Germany, Bachelor of Chemistry (Vordiplom)

## AWARDS AND NOMINATIONS

- Walther-Gompper Lecture (KoPo) **2017**
- Thompson-Reuters Highly Cited Researcher (top 1% in specific research field) **2014**
- Université de Montreal, Department of Chemistry, Professor in Residence, **2014**
- Max-Dellbrück Award, University of Cologne **2014**
- Willstätter Lecture (Hebrew University, Jerusalem) **2013**
- Albertus-Magnus Award (category "Research"), University of Cologne **2011**
- CSACS Visiting Professor (Scientist in Residence), Montreal **2011**
- Nominee for the German Future Award (Deutscher Zukunftspreis) **2011**
- Innovation Award of Nordrhein-Westfalen **2010**
- Olympus Award **2009**
- DSM Innovation Award **2009**
- Innovation platform "Solution-Processed Organic Electronics" sponsored by the German Ministry of Science & Education (BMBF) **2007**
- Innovation Award Cologne **2004**
- Erich-Schott award **2002**
- Visiting professor, Université Luis Pasteur, Strasbourg/France (**2001 / 2002**)
- Nernst-Haber-Bodenstein-Preis, Deutsche Bunsengesellschaft for Physical Chemistry **2000**
- Award for best Habilitation, University of Munich **1999**

## RESEARCH INTERESTS

### Material classes / synthesis

- Crosslinkable organic semiconductors
- Smart surfaces / interface modifications

### Applications

- Organic & hybrid light-emitting diodes for display and lighting
- Organic & hybrid solar cells for photovoltaics and photodetection
- Organic field-effect transistors for printable electronics and sensing
- Organic memories for low-density data storage

### Methods

- Organic electrochemistry
- Time-resolved spectroscopy, holography
- Scanning electron microscopy (SEM)
- High-resolution mass spectrometry (HR-MS)
- Surface science (XPS, UPS/IPES)

## PUBLICATIONS, PATENTS & TALKS (STATUS 09/2014)

Ca. 260 publications in peer-reviewed journals, 12 review articles und book chapters  
ISI WoS: ca. 12.600 citations, h-Index 58  
Listed in Thompson-Reuters "Highly-Cited Researchers 2014"

26 international patents

> 450 invited talks