

## **CURRICULUM VITAE**

**Cordt Zollfrank, Prof. Dr. rer. silv. habil.**

\*04.05.1969

Chair for Biogenic Polymers

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### **A. EDUCATION**

<u>Institution</u>	<u>Year</u>	<u>Degree</u>	<u>Major and (Minor)</u>
Technische Universität München Faculty of Chemistry, Biology and Geosciences Institute of Organic Chemistry	1996	Diploma	Chemistry
Technische Universität München Faculty of Forestry, Institute for Wood Research	2000	Dr. rer. silv.	Forest and Wood Sciences
University of Erlangen-Nuremberg Department of Materials Science and Engineering Glass and Ceramics	2009	Habilitation	Materials Science – Bioinspired Materials

### **B. CURRENT AND PREVIOUS POSITIONS**

08/1996-07/2000	• Scientific Co-Worker, Institute for Wood Research Technische Universität München (TUM)
08/2000-07/2002	• Post-Doc Position: Department of Materials Science and Engineering - III- Glass and Ceramics, University of Erlangen-Nuremberg
08/2002-9/2011	• Senior Researcher: Department of Materials Science and Engineering - III- Glass and Ceramics:, University of Erlangen-Nuremberg Head of "Bioengineered Ceramics" Group
since 10/2011	• Associate Professor, Biogenic Polymers, Technische Universität München (TUM) and Straubing Science Centre for Renewable Resources
2010	• Visiting Professor at the University of Rennes, France
2015	• Visiting Professor at the University of Natural Resources and Life Sciences (BOKU), Vienna, Austria

## C. RECENT PROFESSIONAL ACTIVITIES

- **Dean of Studies at the TUM Campus Straubing** since 2018
- **Fellow of the International Academy of Wood Sciences (IAWS)** since 2016
- **Coordinator of the DFG Priority Programme 1839** “Tailored Disorder - A science- and engineering-based approach to materials design for advanced photonic applications”
- **Deputy Director** of the Carl-von-Carlowitz-Centre for Sustainable Chemistry, Regensburg
- **Editor-in-Chief:** *Bioinspired, Biomimetic and Nanobiomaterials*, ICE Publishing
- **Member of the Editorial Board:** *Materials Letters*, Elsevier
- **Member of the Advisory Board:** *Cellulose Chemistry and Technology*, Edit. Acad. Romane
- **Member of the Editorial Board:** *Results in Physics*, Elsevier

### Selected conference and meeting activities

- **Conference Chair** “Inaugural Disordered Materials 2019”, DGM-conference, September 2019, Potsdam, Germany
- **Conference Co-Chair:** “Bioinspired Materials”, DGM-conference 2020, Potsdam, Germany
- **Member of Programme Committee:** “Bioinspired Materials”, DGM-conference 2014, 2016, 2018, Potsdam, Germany
- **Symposium Organiser** at the MRS Fall meeting “Tailored Disorder in Materials for Photonic applications” in 2018, Boston, USA
- **Organisation of a Sino-German Symposium** (together with Prof. Guang Yang) with 40 Scientists, fully funded by the Sino-German Centre for the Advancement of Science (CDZ), Wuhan, China, 2014.
- **Plenary Lecture** “Phosphor Safari 2016 Hong Kong” Hong Kong International Symposium on Luminescence, Spectroscopy and Applications 29 Nov - 2 Dec 2016
- **Plenary Lecture** at the Humboldt Kolleg “Science and Society - the Use of Light” at the 3rd International Conference on Nanotechnologies and Biomedical Engineering will be held on September 23-26, 2015 in Chisinau, Republic of Moldova.

## D. FIVE SELECTED PUBLICATIONS

1. Deuerling S, Kugler S, Klotz M, **Zollfrank C**, Van Opdenbosch D. *A perspective on bio-mediated materials syntheses*. Advanced Materials. 2018, 30, 1703656
2. Poppinga S, **Zollfrank C**, Prucker O, R  he J, Menges A, Cheng T, Speck T. *Toward a New Generation of Smart Biomimetic Actuators for Architecture*. Advanced Materials. 2018; 30, 1870135
3. Ghofraniha N, La Volpe L, Van Opdenbosch D, **Zollfrank C**, Conti C: *Biomimetic random lasers with tunable spatial and temporal coherence*. Advanced Optical Materials. 2016, 4, 1998-2003
4. Van Opdenbosch D, Fritz-Popovski G, Wagermaier W, Paris O, **Zollfrank C**: *A moisture-driven ceramic bilayer actuator from a biotemplating approach*. Advanced Materials. 2016; 28, 5235-5240
5. Burgert I, Cabane E, **Zollfrank C**, Berglund L: *Bio-inspired functional wood-based materials – hybrids and replicates (Full Critical review)*. International Materials Reviews. 2015; 60, 431-450