



Professor Thomas Jüstel

Foreign Member of the Lithuanian Academy of Sciences since 2014

Thomas Jüstel is a German chemist and professor at the Department of Chemical Engineering, Münster University of Applied Sciences.

Dr. Thomas Jüstel was born in Witten, Germany in 1968. He studied chemistry and biology at the Ruhr-University of Bochum from 1987 to 1992. He received his Ph.D. in coordination chemistry in spring 1995 in the group of Prof. Dr. Karl Wieghardt. Afterwards, he worked as a postdoctoral fellow at the Max Planck Institute for Radiation Chemistry, Mülheim (since 2012 – Max Planck Institute for Chemical Energy Conversion).

He was hired by the Philips Research Laboratories Aachen in summer 1995 as a Research Scientist, where he started to work on luminescent materials. Some years later he became a Senior Scientist and then he was promoted to a Principal Scientist in 2003. In spring 2004 he became a professor for Inorganic Chemistry and Material Sciences at the Muenster University of Applied Sciences. His research group deals with photochemistry, nanoscale and m-scale luminescent materials for LEDs, UV radiation sources and x-ray detectors. He also consults several chemical and lighting companies.

Thomas Jüstel is the dean of the department Chemical Engineering at the Münster University of Applied Sciences, Münster, Germany. His research interests focus on various aspects of optical materials and spectroscopy. He holds almost 100 US patents, (co-)authored about 180 original research publications, and edited several book chapters. He also consults companies active in the field of functional materials and light sources.

He is Vice President at the German Academy of Photobiology and Phototechnology (DAfP) for the Department of Photochemistry and Phototechnology. He also holds regular seminars on the subject of inorganic phosphors for the Gesellschaft Deutscher Chemiker (GDCh).

Awards:

- Lisbon Prize for know-how transfer between academia and industry, 2018
- Best Poster Award (Second Prize), 10th International Symposium on Ceramic Materials and Components for Energy and Environmental Applications (CMCee), Dresden, Germany, 2012
- Best Poster Award „High Temperature Thermal Quenching Measurements on the Big Five of Phosphor Safari“, Phosphor Safari, Hsinchu, Taiwan, 2012
- Journal of Luminescence Award “Top Cited Article 2005 – 2010”, 2010
- Patent Award Philips Research, Silver medal for more than 25 granted US patents, 2006

The information is based on a personal file.

More information: https://www.researchgate.net/profile/Thomas_Juestel

<https://www.mendeley.com/profiles/thomas-juestel/publications/>

Photo – https://www.fh-muenster.de/ciw/downloads/personal/juestel/juestel/CV_Thomas_Juestel.pdf

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