



Sunday 23rd June 2019: 16:00-17:30

Room B11 Hall B1 from 16:00-17:30

“Career event: Options after your PhD”

Dr. Wilhelm Kaenders

German

Co-Founder and President, TOPTICA Photonics AG



Bio: Wilhelm got an International Diploma in VUV Laser Spectroscopy, at the Imperial College London (1988), a Diploma in Physics on Synchrotron Spectroscopy, at the University of Bonn (1989), and the PhD in Physics in Quantum Optics and Cold Atom Research at the University of Hannover, Germany (2004). In 1998 he found TOPTICA Photonics AG, and he was Chairman Board of Directors, TOPTICA Photonics, Inc., Rochester, NY and Milpitas, CA, USA, since 2003, then General Manager of TOPTICA Projects GmbH, since 2016, and Board Member of Eagleyard Photonics GmbH, since 2013. Among his technical activities: quantum optics, precision spectroscopy, biophotonics, diode and fiber laser design; founding and building an international boot-strapped laser company from scratch to more than 300 people and 60 MEuro turnover; laser development and manufacturing, optics and system design, and more than 20 scientific papers and 2 patent families. Wilhelm also served to the Technical Community as Chair of

Industrial Advisory Board of LASER, World of Photonics, Messe Munich, Germany (since 2005), as CLEO Exhibitor Advisory Committee (2003-2009), as Member of OSA Board of Directors (2009-2012), as OSA Awards and Nominating Committees (2010-2014), as Chair CLEO Joint Council of Applications (2013-2017), as Panel and Invited Talks (Photonics West 2013, LASER Munich). He was also sponsor and presenter of newly established joint DPG/ OSA Herbert-Walther Award, of APS Norman Ramsey Award (since 2018), of Best Student Paper Award (SPIE ECBO, since 2011), of regular Book and Paper Reviewer (OSA scientific journals), Juror for the SPIE Prism Award from 2009 – 2018 and he was nominated for the SPIE Board of Directors in 2016. He is a Fellow of OSA, he wa finalist “Leibinger Innovation Award” in 2000