

CELEST Member Short Profile



Christof Wöll

Since 2009 he is the director of the Institute of Functional Interfaces at the Karlsruhe Institute of Technology. After his studies of physics at the University of Göttingen he received his PhD in 1987 from the Max-Planck-Institute of Dynamics and Self-Organization in Göttingen. After a postdoctoral time (1988 to 1989) at the IBM research laboratories, San Jose, USA he accepted a position equivalent to Assistant Professor at the Institute of Applied Physical Chemistry, University of Heidelberg. After his habilitation he took over the chair for Physical Chemistry at the University of Bochum (until 2009). He received the following awards: Heisenberg scholarship funded by the German DFG 1994-1996, Max-Planck Medal for PhD thesis (Max-Planck Society) 1998, van't Hoff Prize of the German Bunsen Association (DGB) 2016, From 2026-2018 he was Spokesperson of the Surface Physics Division of the German Physical Society and from 2016 until 2019 elected member of the Council on Physical Chemistry of solid-State Bodies, Surfaces, and Characterization of Materials of the German Science Foundation (DFG). He is a Member of German National Academy of Sciences (Leopoldina). In 2019 he was awarded an honorary doctorate by the Southern Danish University of Odense for his services in the development of organic thin films in general and especially for his work in the development of so-called organometallic scaffold compounds (SURMOFs).

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Research areas		
Fundamental processes in Surface Physics and Surface Chemistry, Development and advancement of techniques for the characterization of molecular adsorbates and oxide surfaces, Organic surfaces, Metal-organic frameworks (MOFs)		
Lab equipment (at IFG KIT North Campus)		
UHV-IR spectroscopy, XPS, XRD, (E)SEM), ToF-SIMS, MALDI-ToF, AFM, Raman and IR microscopy, fluorescence spectroscopy, UV-vis spectroscopy		
Christof Wöll @ IFG	Link IFG	Link lab equipment
https://www.ifg.kit.edu/english/21_264.php	https://www.ifg.kit.edu/english/index.php	