

学术报告

报告题目：**Sub-monolayers, surfactants and CO₂ capture – novel functional aniline-based materials**

报告人：Prof. **Charl FJ Faul**
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报告地点：蒙民伟楼201会议室

Charl F. J. Faul is Professor of Materials Chemistry and Director of Graduate Recruitment for the School of Chemistry, University of Bristol, UK. He held a visiting professorships at the Helsinki University of Technology (2006 – 2010), the Chinese Academy of Sciences (National Centre for Nanoscience and Technology, Beijing (2012)) and is Adjunct Professor at the Department of Chemistry, Tsinghua University (Beijing, China) since November 2013.

Prof. Faul is a synthetic materials chemist with a multidisciplinary international research group focusing on soft functional nanostructured materials. His activities range from fundamental to application-driven areas, where ionic self-assembly and the design, synthesis and application of soft, electroactive nanomaterials are explored. Applications are actively pursued in the areas of energy (CO₂ capture, storage, conversion), and electroactive materials and devices (nanowire-based field-effect transistors, actuators for robotics, and 3D-printed addressable photonic structures).

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