

Curriculum Vitae

Charl FJ Faul

Reader in Materials Chemistry &
Director of Graduate Recruitment



School of Chemistry, University of Bristol, Bristol BS8 1TS, UK
charl.faul@bristol.ac.uk; faulresearchgroup.com

Summary of Research Interests & Activities

Research efforts are focussed on exploring the design principles and applications of functional hierarchical soft materials:

- Design, synthesis and applications of electroactive oligoaniline-based materials [*J. Mater. Chem.* 2013, 2012 & 2011, *Soft Matter* 2013 & 2012, *Chem. Eur. J.* 2011, *Macrom. Rapid Commun.* 2008, *Angew. Chem.* 2005]
- Design, preparation and characterisation of hierarchical functional soft materials based on ionic self-assembly of oppositely charged building blocks [*JACS* 2013, *Adv. Mater.* 2012, *Soft Matter* 2011, *Macromolecules* 2011]
- Exploitation of biomotifs for construction of complex and hierarchical functional nano-materials [*Angew. Chem.* 2011, *Chem. Mater.* 2009, *Adv. Funct. Mater.* 2008]

Research & Scientific Output:

Research outputs have been highlighted as **hot paper** in *Soft Matter* (2013), **front covers** of *J. Mater. Chem.* (2012), *Soft Matter* (2012), **Very Important Paper** in *Adv. Funct. Mater.* (2008), **Hot Paper** in *J. Mater. Chem.* (2008), and appeared on the back cover of *J. Mater. Chem.* (2008). Activities were also featured in *New Scientist*, *Chemical Technology*, and *Wiley's Materials Views*.

Scientific Education and Career

- | | |
|-----------|---|
| 1997-2000 | South African Research Foundation Prestige PhD Scholarship
Ph.D. Polymer Chemistry, University of Stellenbosch, South Africa |
| 2001 | Post-doctoral Research Fellow (with Prof. Markus Antonietti, Colloid Chemistry),
Max Planck Institute of Colloids and Interfaces, Potsdam, Germany |
| 2002-2004 | Group Leader & Senior Scientist, Max Planck Institute of Colloids and Interfaces,
Potsdam, Germany |
| 2005-2007 | Lecturer in Materials Chemistry, School of Chemistry, University of Bristol, UK |
| 2006-2010 | Visiting Professorship, Molecular Materials Group (Host: Prof. Dr. Olli Ikkala),
Helsinki University of Technology (<i>now Aalto University</i>), Helsinki, Finland |
| 2007-2012 | Senior Lecturer in Materials Chemistry, School of Chemistry, University of Bristol |
| 2009 - | Management Board Member, Bristol Centre for Functional Nanomaterials (BCFN)
and the Bristol Centre for Nanoscience and Quantum Information (NSQI) |
| 2011 | Invited International Lecturer, Department of Chemistry (Host: Prof. Dr. Xi Zhang),
Tsinghua University, Beijing, China |
| 2012 | Visiting Professorship for Senior International Scientists, Chinese Academy of
Sciences (Host: Prof. Zhixiang Wei, National Centre for Nanoscience and
Technology), Beijing, China.
Invited International Lecturer, Department of Chemistry (Host: Prof. Dr. Xi Zhang),
Tsinghua University, Beijing, China |
| 2012- | Reader in Materials Chemistry, School of Chemistry, University of Bristol, UK |
| 2013 | Invited International Lecturer, Tsinghua Xuetang Programme, Department of
Chemistry, Tsinghua University, Beijing, China
Director of Graduate Recruitment, School of Chemistry, University of Bristol, UK |