

### **Qiong Cai, University of Surrey**

Dr Qiong Cai is a Senior Lecturer in Chemical Engineering at University of Surrey, with postdoc experience at Imperial College London, PhD at University of Edinburgh, and MEng at Tsinghua University. She is researching at the interface of materials science and electrochemical engineering, with a focus on energy storage and conversion applications including batteries, fuel cells, and electrolyzers. She has been involved in EPSRC funded projects of over £9 million, including three projects as PI and two projects as Co-I. She has supervised/is supervising 5 postdocs and 6 PhD students as the principal supervisor, and has published 57 peer-reviewed papers.

### **Nacho Tudela-Montes, University of Edinburgh**

After working in Applied Electrochemistry at the University of Alicante from 2008 until 2011, Dr Ignacio Tudela-Montes joined Daido Metal's European Technical Centre UK as a Materials Researcher and PhD student in a joint project with Coventry University. There, he became Senior Materials Researcher in 2015, leading the €4million EU-funded BeLEADFREE project focused on the development of novel tribological materials and electrochemical manufacturing processes. Since 2018, Dr Tudela-Montes leads research in the area of Electrochemical Engineering at the University of Edinburgh, where he is a founding Lecturer in Chemical Engineering and Deputy Director of Learning and Teaching (Staff Development) at the School of Engineering.

### **Richard Dawson, Lancaster University**

Dr. Richard Dawson is currently a Senior Lecturer in Chemical Engineering at Lancaster University but had for over 5 years until 2012 held R&D positions in the UK fuel cell companies (Ceres Power and AFC Energy). Since joining Lancaster University he been awarded a number of research grants as PI and CoI with total values over £5m. He currently supervises 2 postdocs and 5 PhD students in the field of batteries, fuel cells and metal separation processes. He is the Technical Director of LiNa Energy Limited where he leads the cell development programme.

### **Chris Bullen, Power & Water**

Dr Chris Bullen is the Chief Technical Officer at Power & Water. Power & Water provide expertise and experience in supplying modular, Sono-electrochemical equipment and solutions for water treatment projects. Amongst things he is responsible for technical governance and direction. Chris started his career as part of an operational team working in the wastewater and trade effluent departments as a Process Engineer. He is a water industry practitioner who has worked in all areas of the water industry including consulting, strategy, capital delivery, outsourcing and contracting. Chris obtained a PhD from Cardiff University in the treatment of minewater treatment.

### **Parama Banerjee, Monash University**

Parama is an electrochemist and leads a team focussed on creatively using electrochemistry and materials science to develop and recycle energy storage systems, develop multi-functional sensors, and solve corrosion issues. Since her PhD in 2013, Parama along with her teams have developed a global reputation with high-impact publications and award-winning patents. In the last three years, she has attracted significant research support from the industry. Parama has also received several awards including TechConnect innovation award, Early career Research Awards from the Cooperative Research Centres (CRC) Association of Australia and the Brian Cherry Forum Award for the best thesis in corrosion.

### **Sudipta Roy, University of Strathclyde**

Sudipta Roy obtained a BEng from IIT, Delhi, India (1985), and MS and PhD degrees from Tulane University, USA (1991). After completing postdoctoral work at The Swiss Federal University, Lausanne (1991-1994) she moved to a Lectureship in Newcastle University, UK (1994). She progressed to a Readership (2000) and a Personal Chair in Electrochemical Nanomaterials (2005). She moved to Strathclyde in 2015 as The Head and Chair in Chemical Engineering and is currently leading an Electrochemical Engineering and Corrosion Group. Her research interests are electrochemical micro and nano materials fabrication, sustainable processing and corrosion mitigation. She has is a member of The Electrochemical Society and is a Fellow of the IChemE and Institute of Metal Finishing (IMF), and also the UK representative on the Working Party for Electrochemical Engineering of EFCE (European Federation of Chemical Engineers).