

**RSC Sir Geoffrey
Wilkinson Dalton Poster
Symposium 2024**

4 September 2024 | London, UK



Programme

10:00	Registration and refreshments
10:30	Welcome and opening remarks Professor Mike Ward <i>University of Warwick, UK</i>
10:40	Flash presentations (odd numbered posters) Chair: Dr Rosa Arrigo <i>University of Salford, UK</i>
11:10	Poster session (odd numbered posters)
12:25	Move to the library
12:30	Career panel discussion Chair: Dr Robert Bowles <i>Royal Society of Chemistry, UK</i>
13:20	Lunch
14:20	Flash presentations (even numbered posters) Chair: Dr George Kostakis <i>University of Sussex, UK</i>
14:50	Poster session (even numbered posters)
16:10	Afternoon refreshment break
16:30	2023 Sir Geoffrey Wilkinson Prize Lecture Professor Adrian Chaplin <i>University of Warwick, UK</i>
17:00	Poster prize presentations and closing remarks Chair: Dr Andryj Borys <i>University of Bern, Switzerland</i>
17:15	Networking reception
18:15	Close of symposium

Please note the programme is subject to change

Speaker Biographies

Career panel discussion

Chair: Dr Robert Bowles, Careers and Professional Development Adviser, Royal Society of Chemistry

After an early career in marine biotechnology, Robert moved out of the lab, gaining five years' experience in sales and marketing of educational software to schools. He joined the Royal Society of Chemistry seventeen years ago and has managed a programme of their successful education and careers projects. As a qualified careers adviser, he currently works in the Royal Society of Chemistry's Career Management team; offering careers advice to RSC members and the wider chemistry community. www.rsc.org/careers

Dr Melvyn Ansell, Patent Attorney, Secerna LLP

Melvyn is a UK and European Patent Attorney in the Chemistry and Life Sciences team at Secerna LLP. He earned his MChem (2013) and PhD (2017) from the University of Sussex, where he developed innovative palladium catalysts for use in the synthesis of pharmaceutically relevant precursors. After his doctoral research, Melvyn received an EPSRC Doctoral Prize Fellowship for postdoctoral research in catalysis at the University of Manchester. Melvyn has been making his mark in the patent profession since 2017.

Dr Jessica Higgins, Senior Nuclear Engineer, Jacobs

Jess is a Senior Nuclear Engineer with a background in nuclear fuels and reactor plant chemistry. Following a PhD from the University of Manchester, Jess joined Rolls-Royce Submarines Ltd as a Materials Chemist and Core Corrosion Section Lead. Dr Higgins has worked on the UK Naval Reactor programme since 2021 and recently joined the Independent Nuclear Assurance (INA) division at Jacobs. Jess is an active member of the RSC and Chair of the Energy Sector Committee which represents members across all areas of the energy landscape... although nuclear is still her favourite!

Elena Mogort-Valls, Lead Process Chemist, Anaphite Limited

Elena carried out her undergraduate studies in Chemistry at University of Bristol, completing her Master's thesis within Dr Natalie Fey's group on the computational study of the Baeyer Villiger oxidation. In 2018, she joined Anaphite as its first employee and has since been developing nanocarbon-containing composites for a wide variety of applications, from VOC-capturing coatings to lithium ion electrodes. As the start-up's chemistry team lead, she balances research, IP generation and product development toward a scalable dry coating precursor material for lithium ion batteries.

Dr Patricia Rodríguez Maciá, Lecturer in Chemistry, University of Leicester

Patricia studied Chemistry at the University of Alicante in Spain, before moving to Germany for her PhD at the Max Planck Institute for Chemical Energy Conversion (MPI-CEC, Mülheim) with Prof. Wolfgang Lubitz, where she worked with hydrogenases and bio-inspired catalysts for hydrogen conversion. She conducted postdoctoral research at MPI-CEC with Prof. Serena DeBeer and in 2020 joined the University of Oxford as a PDRA in Prof Kylie Vincent's group. Patricia started her independent career in 2021 as Glasstone Research Fellow in the Chemistry Department at Oxford. In 2023, she moved to the University of Leicester as a Lecturer (Assist Prof) in the School of Chemistry and the Leicester Institute for Structural and Chemical Biology, where she leads a small group doing research on natural and artificial metalloenzymes for small molecule activation. Patricia's work has been recognised by prestigious prizes such as the Ernst-Haage prize for outstanding achievements in the field of energy conversion and the RSC IBDG 2022 Early Career Researcher Award, naming her as a rising star in bioinorganic chemistry.

2023 Sir Geoffrey Wilkinson Prize Lecture

Professor Adrian Chaplin, University of Warwick

Adrian is Professor of Chemistry at the University of Warwick. He grew up in New Zealand and carried out his undergraduate degree at Massey University. He then relocated to Switzerland to carry out his PhD under the supervision of Professor Paul Dyson at the Ecole Polytechnique Fédérale de Lausanne.

He spent four years as a postdoctoral researcher at the University of Oxford in the group of Professor Andrew Weller (now University of York), holding the RJP Williams Junior Research Fellowship at Wadham College for two years.

Adrian began his independent career at Warwick following the award of a Royal Society University Research Fellowship in 2011. He received the RSC Harrison-Meldola Memorial Prize in 2015. In 2023, he was promoted to his current position.

His group's work is based on the synthetic organometallic chemistry of the late transition metals, and encompasses fundamental aspects of structure and bonding, mechanism elucidation, reaction discovery, and catalyst design.