

RSC Electrochemistry Community Northern Regional Butler Meeting 2025

Event Date: Friday 11th April 2025

Event Address: Department of Chemistry, University of York,
Heslington, York YO10 5DD

Email us at: rscnorthernbutlermeeting2025@gmail.com

Information

This Butler meeting is a one-day symposium at which PhD students and PDRAs from across Scotland and the North of England are invited to unite with their peers and share the results of their electrochemical research. Both oral and poster presentation slots will be available, but oral presentations are aimed at PhD students who might otherwise not get the opportunity to speak during their PhD studies. There will be a plenary lecture at the end of the symposium. Our keynote speaker, Prof. Alexander Cowan, is an academic of high standing in the electrochemical field. This symposium is free to attend for all, thanks to the generosity of the RSC Electrochemistry Interest Group and our industrial sponsors: Alvatek and Asynt.



We invite both abstracts for oral and poster presentations concerning any research that is electrochemical in nature. Each oral presentation will be allocated a 20-minute timeslot. We ask that oral presentations are 15 minutes in duration to allow 5 minutes for questions.

Keynote speaker: Prof. Alexander Cowan (University of Liverpool)

Alex leads a highly active research group that develops and studies catalysts for the sustainable production of fuels. In recent years Alex's research has included the discovery of highly selective catalysts for electrocatalytic carbon dioxide reduction, the development of carbon dioxide electrolyzers (which are now undergoing trials with industrial partners), the development of new catalysts for water splitting and also the development of surface sensitive spectroscopic techniques to study the mechanisms of electrocatalytic carbon dioxide reduction and water oxidation *in-situ*. Alex's research is highly impactful - his h-index is 47 and his 70+ articles have been cited over 8500 times.

Alex was awarded a PhD in Chemistry from the University of Nottingham (2007) for his studies of inorganic reaction mechanisms via transient spectroscopy and was appointed to a Lectureship in Renewable Fuel Synthesis at Imperial College in 2011, working on the highly impactful Artificial Leaf programme. He later joined the Department of Chemistry and the Stephenson Institute for Renewable energy at the University of Liverpool, and rapidly ascended from a Lecturer (2012), to a Senior Lecturer (2015), to a Reader (2017) and to a Professorship (2019). Alex is the former director of the UK Solar Fuels Network (2019-2022) and is currently the director of the UK Solar Chemicals Network (www.solarfuelsnetwork.com). Alex also leads the technology development program of the UKRI Interdisciplinary Centre for Circular Chemical economy (www.circular-chemical.org).

Schedule:

09:30-10:00 – Registration Opens

10:00-10:30 - Welcome and Coffee

10:30-12:10 – Session 1

12:10-13:00 – Lunch

13:00-14:00 – Plenary lecture.

14:00-14:40 – Session 2

14:40-15:40 – Coffee and poster session.

15:40-16:20 – Session 3

16:20-16:30 - Farewell