

BATH ELECTROCHEMISTRY WINTER SCHOOL 2027

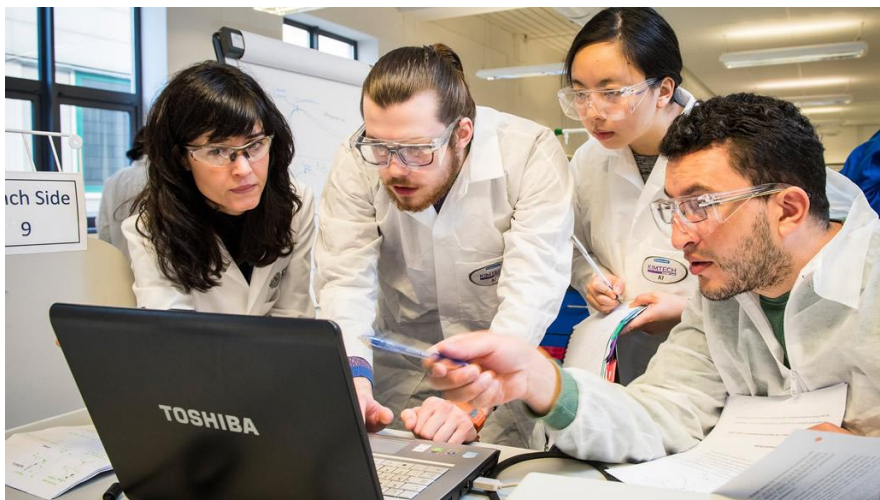
Intensive hands-on electrochemistry training for academia and industry.

11th – 15th January 2027 at the University of Bath



EMPHASIS ON SMALL GROUP LAB TEACHING

- Learn electrochemistry by doing real experiments in small groups
- 4.5 days of lectures, labs and networking
- Develop the skills and confidence to apply electrochemical techniques to your own research
- Learn from electrochemistry experts



LECTURE TOPICS

Lectures are indicative and may be tailored to meet participant interests and current developments

- Introduction to electrode processes
- Electrode kinetics
- Mass transport
- Electrochemical impedance
- Mechanisms of Electrode reactions
- Spectroelectrochemistry
- Electroanalytical methods
- Biosensors
- Designing good experiments



EXPERIMENTS

Labs are indicative and may be tailored to meet participant interests and current developments

- Getting to know the equipment
- Cyclic Voltammetry
- Chronoamperometry
- Rotating disc/ultramicroelectrodes
- Impedance of corroding systems
- Batteries
- Spectroelectrochemistry
- Electrocatalysis
- Complex reaction mechanisms



COURSE TEAM

Prof. Petra Cameron (Bath)
Prof. Frank Marken (Bath)
Dr. Sara Dale
Prof. Toby Jenkins (Bath)
Prof. David Fermin (Bristol)
Dr. Adam Squires (Bath)
Prof. Jenny Baker (Bath)



COURSE FEES

£1450 Registration fee includes course handbook, OUP primer, daily lunches, tea & coffee, snacks, welcome 'wine and nibbles' and the course dinner in the centre of historic Bath.



ACCOMMODATION

Accommodation is not included in the course fee. Hotels in the centre of Bath are a short bus ride away from the course location. Bath is a popular tourist destination, so we recommend booking early.



LOCATION

Department of Chemistry
University of Bath
Bath, BA2 7AY
United Kingdom



REGISTER



Places are limited so early booking is advised.

Course Partner
Metrohm Electrochemistry

