

ISE Satellite Student Regional Symposium: Great Western Electrochemistry Meeting University of Bath, Monday 3rd June 2013



Location: Lecture Theatre 3WN2.1 (West-North, behind Physics, see below)

Programme

10.00 Coffee & Posters in 3WN2.1		
10.15	Peter Kubiak (Bath)	“Spontaneous Gelation and Electropolymerisation of Carbazole Amino Acids”
10.30	Kenneth Schneider (Bath)	“Ti ₂ AlC MAX phase anodes for bio-electrochemical systems”
10.45	Shaoliang Guan (Cardiff)	“Surface Structure Sensitivity of Ethyl Pyruvate Hydrogenation at Pt{hkl}”
11.00	Kieren Bradley (Bristol)	“Zinc Oxide: an illuminating photocurrent response “
11.15	Kevin Honeychurch (Bristol)	“The redox behaviour of Diazepam (Valium) using a disposable screen-printed and a novel adsorptive stripping voltammetric assay”
11.30 Break & Discussion & Posters		
12.00	Her Shuang Toh (Oxford)	“The electrochemical oxidation of silver nanoparticles ”
12.15	Emma Stuart (Oxford)	“The electrochemical detection and quantification of commercial silver nanoparticles in seawater media”
12.30	Frank-Michael Matysik (Regensburg)	“New instrumental developments for fast capillary electrophoresis and the hyphenation of electrochemistry with capillary electrophoresis – mass spec”
13.00 Lunch (not provided), Coffee (provided) & Posters		
14.00	Frederic Barriere (Rennes)	“Combined effects of phenylboronic acids and carbon nanotubes on the performance of microbial bioanodes “
14.30	Hendrik du Toit (Bath)	“Nanostructured gold for improved biocompatibility in implantable biosensors and biofuel cells”
14.40	Nello Formisano (Bath)	“A new method of detection for small molecules using Electrochemical Impedance Spectroscopy”
14.50	Pawan Jolly (Bath)	“Aptamer-based biosensor for prostate specific antigen (PSA) electrochemical detection ”
15.00	Frankie J. Rawson (B'ham - Plymouth)	“Electrocatalytic intracellular nanosensor for probing real-time ROS and DNA damage in immune cell signaling”
15.10	Ben Rawlings (Bristol)	“Exploiting the H ₂ -sorption properties of Pd for the epitaxial deposition of Pd on Pt”
15.20	Richard Brooke (Bristol)	“Single molecule transport studies with Ni electrodes”
15.30 Coffee & Posters in 3WN2.1		
16.00	Tony Killard (Bristol)	“Breath measurement at the point of care using electrochemical sensors”
16.30	Termeh Ahmadraji (Bristol)	“Development of a printed HDL-cholesterol biosensor based on a novel electrocatalyst for hydrogen peroxide reduction”
16.45	Andrew Gross (Exeter-Bath)	“Modification and patterning of molecular layers on electrodes using aryldiazonium salts”
17.15 Wine and Nibbles in 1 South (Department of Chemistry)		



ec-lab

Autolab u.k. Metrohm



ALVATEK

solatron analytical



U CAMBRIA SCIENTIFIC

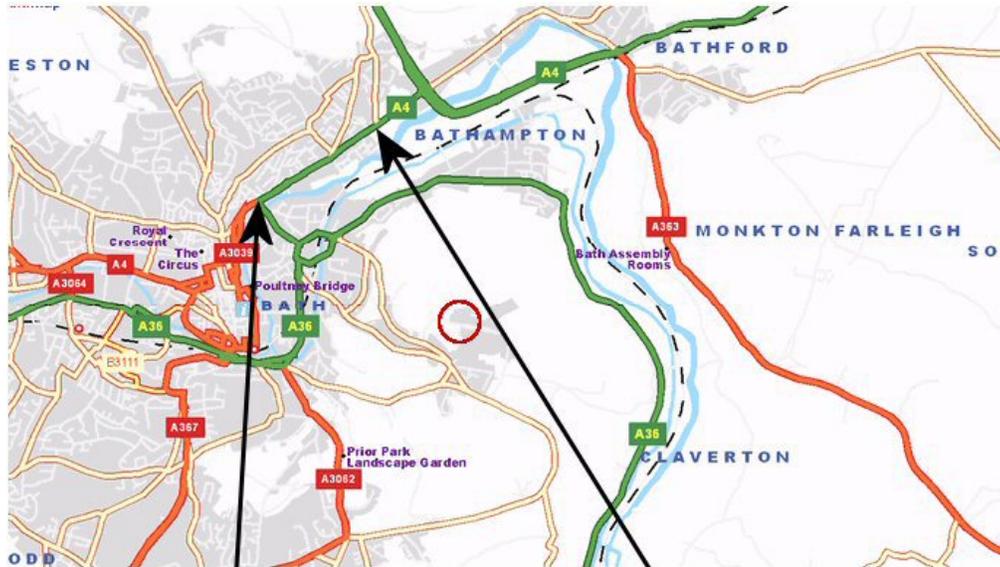


RSC | Advancing the Chemical Sciences

Travel directions:

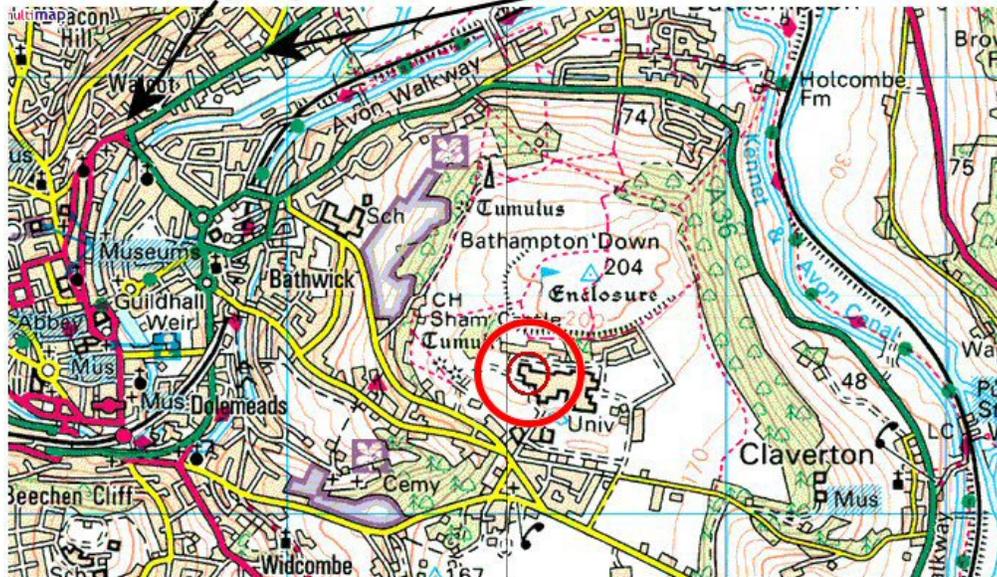
By train: from the railway station take orange or blue university bus (18 or U18) from the next bus stop (just left opposite of the railway station and opposite the bus station) directly to the campus.

By car: There should be plenty of parking space. We can sort out parking permits on the day.



turn left
across bridge
follow sign up the hill

A4 coming into Bath



Campus map:

