

Cardiff Easter Conference

School of Chemistry
(Large Chemistry Lecture Theatre)

31. March – 01. April 2009

Tuesday, 31. March 2009

13.25 Welcome (Kingsley Cavell)

Chair: Rudolf Allemann

13.30 **Steven Benner** (Florida) : *Chemical and geological approaches to the origin of life*

14.30 Coffee Break / Poster Session (Chemistry Foyer)

Chair: Peter Knowles

15.00 Rhiannon Evans, Cardiff: *Exploring the Extreme: Catalysis by a Cold-adapted Dihydrofolate Reductase*

15.15 Kara Howard, Cardiff: *Gold Clusters*

15.30 **Pekka Pyykkö** (Helsinki): *Strong closed-shell interactions in inorganic chemistry*

Wednesday, 1. April 2009

Chair: Neil McKeown

9.00 **Geoffrey W. Coates** (Cornell): *New Catalysts for Constructing Polymers of Defined Stereochemistry*

10.00 Johan C. Brandt, Cardiff: *Dangerous reactions performed safely in microreactors*

10.15 Kevin Jones, Cardiff: *A novel method for the dihydroxylation of alkenes*

10.30 Coffee Break / Poster Session (Chemistry Foyer)

Chair: Gary Attard

11.00 **John Evans** (Southampton): *Probing Metal Catalysts*

12.00 Lawrence Goldman, Cardiff: *Non-statistical Dynamics*

12.15 Vicki Möschwitzer, Cardiff: *Synthesis of Unnatural Guanidine Amino Acids*

12.30 Lunch Break

Chair: Peter Edwards

14.00 **Philip Mountford** (Oxford): *New Terminal Titanium Hydrazido Complexes. Exploring the Chemistry of the Ti=N-NR₂ Functional Group*

15.00 Mihaela Dorin, Cardiff: *Developing cationic thiophene-based oligoheteroaromatics as building blocks for biosensors*

15.15 Paola Occhipinti, Cardiff: *Small-angle neutron scattering and NMR studies of the mucosal barrier*

15.30 Coffee Break / Poster Session (Chemistry Foyer)

Chair: Mike Bowker

16.00 **D. Wayne Goodman** (Texas): *From Imagining to Imaging a Working Catalytic Surface*

17.00 Closing Remarks (Kingsley Cavell)

17.05 Cheese and Wine (Chemistry Foyer)

