



The Edinburgh and St Andrews  
Research School of Chemistry

# EaStCHEM Colloquia Programme 2011-12

All talks will be broadcast to the non-hosting venue.

St Andrews: all talks in Lecture Th C

Edinburgh: Room T100 (hosting); Rm 232/233 (broadcast from St Andrews)

Time: 3:30 pm unless stated

Date	Week/ Semester	Host	Speaker	Title	Contact
Wed Sept 28 <sup>th</sup>	1/1	Ed	Prof. Alexei Kornyshev Imperial College London	<b>RSC Interdisciplinary Prize 2010</b> <i>Physics of DNA: unravelling 'hidden' abilities of the most important molecule</i>	Colin Pulham
Wed Oct 5 <sup>th</sup>	2/1	StA			
*Wed Oct 12 <sup>th</sup>	3/1	Ed			
*Wed Oct 19 <sup>th</sup>	4/1	StA	Prof. Erick Carreira, ETH Zürich	<i>tbc</i>	Gordon Florence
<sup>1</sup> *Wed Oct 26 <sup>th</sup>	5/1	Ed	Prof. John Vickerman, Manchester	<b>EaStCHEM Professorial Fellow</b> <i>Secondary Ion Mass Spectrometry - a developing tool for Biological Analysis and Imaging</i>	Perdita Barran
<sup>2</sup> Wed Nov 2 <sup>nd</sup>	6/1	StA	<b>Irvine Lectures *Th B 2pm*</b> Prof Michel Rohmer, Strasbourg Dr Andreas Herrmann, Firmenich, Geneva Prof Neville Richardson, St Andrews  Dr David Peggie, National Gallery *6pm*	<i>Tbc</i>  <i>Beneath the surface: examining paintings at the National Gallery</i>	Alan Aitken  Iain Smellie
Wed Nov 9 <sup>th</sup>	7/1R <sup>3</sup>	Ed	Prof. Lukas Goossen TU Kaiserslautern	<i>Decarboxylative Couplings – A modern strategy for C-C bond formation</i>	Paul Lusby
*Wed Nov 16 <sup>th</sup>	8/1	StA	Dr Jennifer Rupp Massachusetts Institute of Technology	<i>From Nanoionics to Micro-Solid Oxide Fuel Cells</i>	John Irvine
Wed Nov 23 <sup>rd</sup>	9/1	Ed	Prof. Jonathan Steed Durham	<i>Supramolecular gels, responsive soft materials</i>	Jason Love
Wed Nov 30 <sup>th</sup>	10/1	StA	Dr Oren Scherman Cambridge	<i>tbc</i>	Euan Kay

<sup>1</sup> Prof Vickerman will also visit St Andrews Oct 27-28 and give a PG lecture.

<sup>2</sup> Irvine Lectures (St Andrews)

<sup>3</sup> Reading week (St Andrews)



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Wed Dec 7 <sup>th</sup>	11/1	Ed	Dr. Susan Quinn University College Dublin	<i>tbc</i>	Anita Jones
Wed Dec 14 <sup>th</sup>	12/1	StA			
Wed Jan 4 <sup>th</sup>	13/1 Rev	Ed			
<b>Semester 2</b>					
Wed Feb 1 <sup>st</sup>	0/2	Ed	Prof. Jieping Zhu École Polytechnique Fédérale de Lausanne	<i>Catalytic Enantioselective Domino and Multicomponent Reactions</i>	Hon Lam
Wed Feb 8 <sup>th</sup>	1/2	StA			
*Wed Feb 15 <sup>th</sup>	2/2	Ed	Prof Peter Knowles University of Cardiff	<i>Calculating electronic structure in strongly-correlated molecular systems</i>	Eleanor Campbell
<sup>4</sup> Wed Feb 22 <sup>nd</sup>	3/2	StA	Prof Mike Ashfold University of Bristol	<i>Understanding the chemical vapour deposition of diamond</i>	Finlay Morrison
Wed Feb 29 <sup>th</sup>	4/2	StA	Prof Chris Hunter University of Sheffield	<b>RSC Physical Organic Chemistry Award 2011</b> <i>The anatomy of complex recognition interfaces</i>	Euan Kay
Wed Mar 7 <sup>th</sup>	5/2	StA	Prof Ian Manners University of Bristol	<i>Catalytic Dehydrocoupling/Dehydrogenation of Amine Boranes: Mechanisms and Applications</i>	Derek Woollins
<sup>5</sup> Wed Mar 14 <sup>th</sup>	6/2	Ed	Dr Damien Murphy (University of Cardiff)	<i>Advanced EPR studies of homogeneous catalysts</i>	SASOL/David Cole-Hamilton
*Wed Mar 21 <sup>st</sup>	7/2	StA	Dr. Eva Hevia University of Strathclyde	<i>New Strategies in Organozinc Chemistry: Structural Tailoring for Mixed-Metal Applications</i>	Petr Killian
Wed Mar 28 <sup>th</sup>	Inter (Easter)	Ed	Prof Larry Gold University of Colorado, USA		Colin Campbell
Wed Apr 4 <sup>th</sup>	Inter (Easter)	StA	Prof Tim Jones University of Warwick	<i>Controlling Interfaces in Small Molecule Organic Photovoltaics</i>	Steve Francis
*Wed Apr 11 <sup>th</sup>	8/2	Ed			
*Wed Apr 18 <sup>th</sup>	9/2	StA	Dr Phil Dyer University of Durham	<i>Responsive Phosphorus Scaffolds</i>	Petr Kilian
Wed Apr 25 <sup>th</sup>	10/2	StA	Prof Chris Schofield University of Oxford	<b>RSC Jeremy Knowles Award 2011</b>	Sharon Ashbrook
Wed May 2 <sup>nd</sup>	11/2	StA	Prof Nicolas Giuseppone University of Strasbourg	<i>Adventures with Carbon: functional microspheres and luminescent nanomaterials</i>	Euan Kay



<sup>4</sup> Int. teaching week in Edinburgh

<sup>5</sup> Staff meeting Edinburgh



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Wed May 9 <sup>th</sup>	Revision	StA	Prof Duncan Bruce University of York	<b>RSC Tilden Prize 2010</b> <i>Using N-Heterocycles in Liquid Crystals: Halogen Bonding and Phosphorescent Metal Complexes</i>	Sharon Ashbrook
Wed May 16 <sup>th</sup>	Exam	Ed	Dr Ali Tavasoli University of Southampton	<i>tbc</i>	Julien Michel
Wed May 23 <sup>rd</sup>	Exam	StA	Prof Richard Catlow University College London	<i>Recent developments in computer modelling of complex materials</i>	Finlay Morrison

\*UCAS visiting days (St Andrews)

### **Additional speakers:**

#### **St Andrews:**

Dr Christian Müller, TU Eindhoven

Contact: Paul Kamer

*"Functionalized Phosphinines: From Molecular Design to Applications"*

Tuesday 25<sup>th</sup> Oct, Th D at 3pm.

Prof Kevin Burgess, Texas A & M University

Contact: Derek Woollins

*"Secondary Structure, Minimalist, Universal Hot Spot, and Interface Mimics: An Evolutionary Story"*

Tuesday 6<sup>th</sup> Dec, Th C at 2pm.

Prof Chris Schofield, University of Oxford

Contact: Sharon Ashbrook

RSC Jeremy Knowles Award

Wednesday 25<sup>th</sup> April, Th C at 3:30pm

Special RSC Organic Division symposium

Contact: Alan Aitken/Euan Kay

Professor Karl Hale (Queens University, Belfast), RSC Bader Award

Dr Hon Lam (Edinburgh), RSC Hickinbottom Award

Thursday 17<sup>th</sup> May, pm venue tbc



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