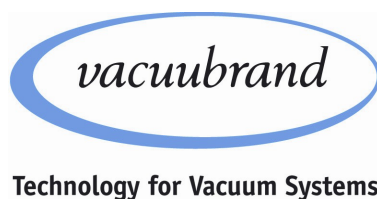
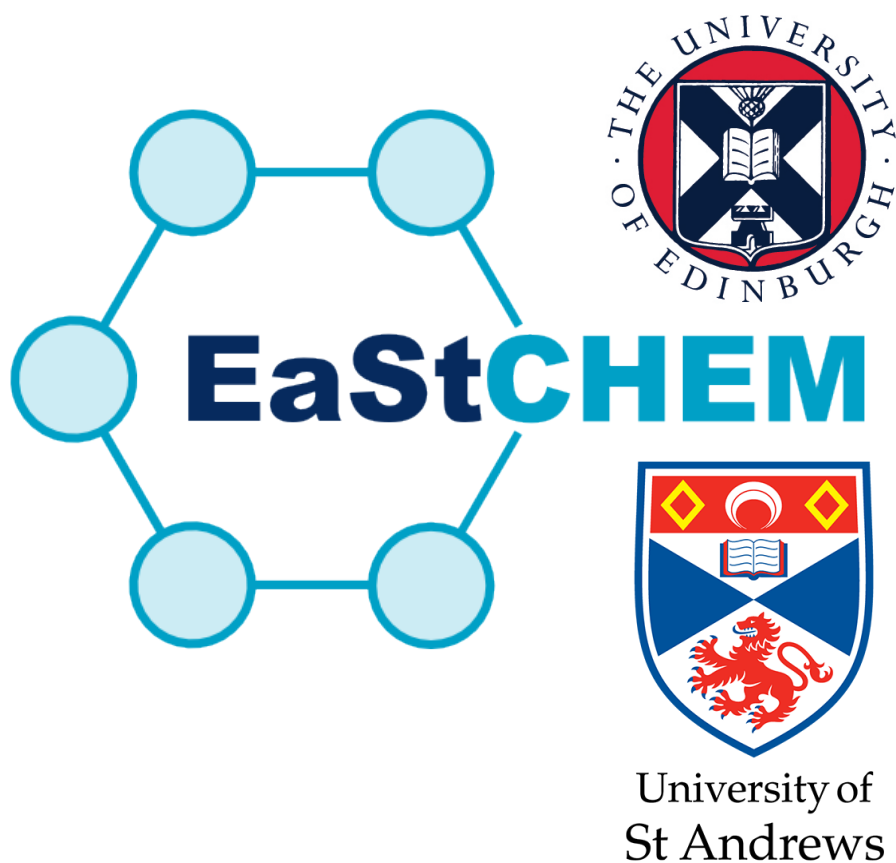


## Poster Presentations

1	<b>Eoin Gould</b>	Novel trypanosomatid inhibitors inspired by nature
2	<b>Peter Harrison</b>	Towards the Biochemical and Biophysical Characterisation of Serine Palmitoyltransferase: a Human ER Multienzyme Transmembrane Complex
3	<b>Amanda G. Jarvis</b>	Artificial metalloenzymes for the selective functionalization of hydrocarbons
4	<b>Muhammed Ucuncu</b>	Bacterial Imaging and Photodynamic Therapy (PDT) Using BODIPY-Polymyxin Conjugates
5	<b>Sunil V. Sharma</b>	Living genochemetics: synchronous bio-halogenation and catalytic cross-coupling in bacterial cultures
6	<b>Eric Keske</b>	Mechanistic Studies into Rhodium Catalysed Silylation Reactions
7	<b>Abigail E. Watts</b>	SAPO STA-20: A Novel Zeotype prepared by Co-Templating Methods
8	<b>Chris Nottingham</b>	<sup>13</sup> C-TMS-diazomethane – a versatile reagent for labelling studies
9	<b>Cristina Pubill-Ulldemolins</b>	Expanding the genochemetics toolkit with new aqueous Cross coupling methodologies
10	<b>Nicola L. Bell</b>	Uranyl reduction in a redox-active ligand
11	<b>David McKay</b>	Investigating Earth Mineral Hydration through <i>Ab Initio</i> Random Structure Searching and Solid-State NMR Spectroscopy





# **EaStCHEM Conference for Early Career Researchers**

## **#ECECR2017**

**Thursday 7th September 2017**  
University of St Andrews  
(School of Physics and Astronomy)

# EaStCHEM Conference for Early-Career Researchers 2017

University of St Andrews

Thursday 7th September 2017

0930–1000 **Registration, Welcome Coffee and Poster Hanging**

**1000–1110 Session 1 – Academic Keynote Address** (Physics Theatre A)

**1000–1010 Welcome and Opening Remarks**

Prof. David O'Hagan

1010–1100 **KEYNOTE SPEAKER** – Dr Alyssa-Jennifer Avestro (*Durham University*)

Life in the Fast Lane: Catalysing an independent career & making it all count

1100–1110 **Comfort Break**

<b>1110–1210 Session 2 – Early Career Researcher Presentations</b>		
	Physics Theatre A <i>Chair: Eoin Gould</i>	Physics Theatre C <i>Chair: David McKay</i>
1110–1125	Photoaffinity labelling identifies the target of trypanocidal bis-tetrahydropyran 1,4-triazoles <b>Lindsay B. Tulloch</b>	Pump-probe simulation of CS <sub>2</sub> and CHD: time-dependent photoionization <b>Maria Tudorovskaya</b>
1125–1140	Serine palmitoyltransferase protein interaction landscape and structural characterisation <b>Van Kelly</b>	Ador synthesis realized by use of the hydrostatic pressure <b>Michal Mazur</b>
1140–1155	Imaging intracellular drug distribution using stimulated raman scattering microscopy <b>William J. Tipping</b>	Manipulation of polar order in ferroelectric 'Empty' tetragonal tungsten bronzes <b>Jonathan Gardner</b>
1155–1210	Ensemble based drug design: a new paradigm in drug discovery <b>Jordi Juárez-Jiménez</b>	Synthesis of magnetic polyhedral: cubes and triangular bipyramids <b>Sergio Sanz</b>

**1210–1340 Lunch, Exhibition and Poster Session** (School of Physics Common Space)

<b>1340–1440 Session 3 – Early Career Researcher Presentations</b>		
	Physics Theatre A <i>Chair: Tamara Kosikova</i>	Physics Theatre C <i>Chair: Amanda Jarvis</i>
1340–1355	Mechanistic studies on nucleophilic trifluoromethylation of carbonyls with the Ruppert-Prakash reagent <b>Thomas West</b>	Structure and reactivity of Cu-doped Au(111) surfaces <b>Federico Grillo</b>
1355–1410	Aryloxide-facilitated catalyst turnover in $\alpha,\beta$ -unstaurated acyl ammonium catalysis <b>Mark D. Greenhalgh</b>	Development of peptide-based electrochemical sensors <b>Eva González-Fernández</b>
1410–1425	Studying the mechanism of C–O cleavage in lignin model compounds by ruthenium-xantphos catalysis <b>Rebecca C. How</b>	<i>In-situ</i> thermal battery discharge using NiS <sub>2</sub> as a cathode material <b>Julia Payne</b>
1425–1440	Towards the rational design of isoform-selective cyclophilin ligands <b>Alessio De Simone</b>	Whither crystallography... A view from the ground <b>David B. Cordes</b>

**1440–1510 Afternoon Coffee** (School of Physics Common Space)

<b>1510–1540 Session 4 – Early Career Researcher Presentations</b>		
	Physics Theatre A <i>Chair: Mark Greenhalgh</i>	Physics Theatre C <i>Chair: Rebecca How</i>
1510–1525	Single-molecule transmembrane supramolecular chemistry <b>Stefan Borsley</b>	Molecular magnets under pressure <b>Helen Duncan</b>
1525–1540	Capsules for molecular recognition and catalysis <b>Vicente Marti-Centelles</b>	Difference in reactivity of two zinc binding plant metallothioneins isoforms <b>Hasan Tanvir Imam</b>

1540–1550 **Comfort Break**

**1550–1650 Session 5 – Industry Keynote Address** (Physics Theatre A)

1550–1640 **KEYNOTE SPEAKER** – Dr Nathaniel Cain (*Afton Chemical*)  
An Engineer's Career Path to Chemistry and Exploiting the Interface

**1640–1650 Concluding Remarks and Prizegiving** (Physics Theatre A)  
Neil Keddie and Amanda Jarvis

**1650–1800 Wine Reception** (School of Physics Common Space)

[END]