

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**

1110–1210 Session 2 – Early Career Researcher Presentations		
	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 Lindsay B. Tulloch	Pump-probe simulation of CS ₂ and CHD: time-dependent photoionization Maria Tudorovskaya
1125–1140	Serine palmitoyltransferase protein interaction landscape and structural characterisation Van Kelly	Ador synthesis realized by use of the hydrostatic pressure Michal Mazur
1140–1155	Imaging intracellular drug distribution using stimulated raman scattering microscopy William J. Tipping	Manipulation of polar order in ferroelectric 'Empty' tetragonal tungsten bronzes Jonathan Gardner
1155–1210	Ensemble based drug design: a new paradigm in drug discovery Jordi Juárez-Jiménez	Synthesis of magnetic polyhedral: cubes and triangular bipyramids Sergio Sanz

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

1340–1440 Session 3 – Early Career Researcher Presentations		
	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 Thomas West	Structure and reactivity of Cu-doped Au(111) surfaces Federico Grillo
1355–1410	Aryloxide-facilitated catalyst turnover in α,β -unsubstituted acyl ammonium catalysis Mark D. Greenhalgh	Development of peptide-based electrochemical sensors Eva González-Fernández
1410–1425	Studying the mechanism of C–O cleavage in lignin model compounds by ruthenium-xantphos catalysis Rebecca C. How	<i>In-situ</i> thermal battery discharge using NiS ₂ as a cathode material Julia Payne
1425–1440	Towards the rational design of isoform-selective cyclophilin ligands Alessio De Simone	Whither crystallography... A view from the ground David B. Cordes

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

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

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 Interface1640–1650 **Concluding Remarks and Prizegiving** (Physics Theatre A)
Neil Keddie and Amanda Jarvis**1650–1800 Wine Reception** (School of Physics Common Space)

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