



UNIVERSITY OF
CAMBRIDGE

Chemical Engineering and
Biotechnology

1st Year Presentations Tuesday 23rd April 2013 - LT1

Tuesday 23rd April	Time	Name
LT1	11.45am – 12.00pm	Yucy Fang <i>AIDS: Unlocking HIV Pathogenesis</i>
	12.00pm – 12.15pm	Laylla Rkiouak <i>Stratospheric Particle Injection for Climate Engineering: Adsorption and Reaction Studies</i>
	12.15pm – 12.30pm	Felix Donat <i>Cold model investigations for Chemical Looping Combustion</i>
	12.30pm – 12.45pm	Si Chen <i>Bio-cathode for Bio-fuel cell</i>
	12.45pm – 1.00pm	Vivat Termlingchan <i>Microengineered Fuel Cells Development and Application</i>

3rd Year Graduate Conference Schedule Tuesday 23rd April 2013 - LT1

Tuesday 23rd April	Time	Name
Session 1 LT1	2.00pm – 2.35pm	Juraj Sibik <i>Using terahertz spectroscopy and imaging for pharmaceutical characterization</i>
	2.35pm – 3.10pm	Immanuel Kemp <i>Fischer Tropsch reactions</i>
	3.10pm – 3.45pm	Alister Inglesby <i>In-situ fluorescence and electrochemical monitoring of a photosynthetic microbial fuel cell</i>

Tuesday 23rd April 2013 - LT2

Tuesday 23rd April	Time	Name
Session 1 LT2	2.00pm – 2.35pm	Pablo Arias Vecino <i>Solvent effects in the selective hydrogenation of citral</i>
	2.35pm – 3.10pm	Oliver Bartlett <i>Multiphase Flow Validation Using Magnetic Resonance Imaging</i>
	3.10pm – 3.45pm	Jules Camp <i>Development of a combined NMR and Raman spectroscopic system for heterogeneous catalysis</i>



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3rd Year Graduate Conference Schedule

Wednesday 24th April 2013 - LT1

Wednesday 24 th April	Time	Name
Session 1 LT1	9.00am – 9.35am	Dongping Chen <i>Soot particle and its precursors</i>
	9.35am – 10.10am	Jin Yang Lim <i>Studies of Catalytic and Non-catalytic Gas-solid Reactions</i>
	10.10am – 10.45am	William Menz <i>When modelling goes wrong: Particle models in population balances</i>
	10.45am – 11.15am	Break
Wednesday 24 th April Session 2 LT1	11.15am – 11.50am	Srishti Gupta <i>Spore Germinant Receptor Proteins</i>
	11.50am – 12.25pm	Nicholas Ramskill <i>Understanding the Operation and Preparation of Diesel Particulate Filters: A Multi-faceted Magnetic Resonance Approach</i>
	12.25pm – 1.00pm	Jawad Rehman <i>Making Smart Fibres from Fusion Proteins</i>
	1.00pm – 2.00pm	Lunch
Wednesday 24 th April Session 3 LT1	2.00pm – 2.35pm	Vincent Lister <i>Titanium Dioxide Fouling</i>
	2.35pm – 3.10pm	Tao Wang <i>Flow patterns and draining films created by horizontal and inclined water jets impinging on vertical walls</i>
	3.10pm – 3.45pm	Wei Wang <i>The role of carbonaceous deposits in catalytic reactions</i>



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3rd Year Graduate Conference Schedule

Wednesday 24th April 2013 - LT2

Wednesday 24 th April	Time	Name
Session 1 LT2	9.00am – 9.35am	Matthew Renshaw <i>Operando Magnetic Resonance: Fixed-bed heterogeneous catalysis at elevated temperature and pressure</i>
	9.35am – 10.10am	David Robbins <i>Development of Computational Fluid Dynamics Methods for Simulation of Low-Speed Flows</i>
	10.10am – 10.45am	Amanda Talhat <i>Development of a single droplet freezing apparatus for studying crystallisation in cocoa butter droplets</i>
	10.45am – 11.15am	Break
Wednesday 24 th April Session 2 LT2	11.15am – 11.50am	Lukasz Szydlowski <i>Anhydrobiotic capabilities of bdelloid rotifer <i>Adineta ricciae</i></i>
	11.50am – 12.25pm	Matthew Townsend <i>Bioseparations in Disposable Microcapillary Films</i>
	12.25pm – 1.00pm	Jenny Versnel <i>A Nitric Oxide Biosensor</i>
	1.00pm – 2.00pm	Lunch
Wednesday 24 th April Session 3 LT2	2.00pm – 2.35pm	Hendrik Wessling <i>Of mice and men: how translational models of rare genetic mutations can facilitate CNS drug discovery</i>
	2.35pm – 3.10pm	Minyu Zeng <i>Electrochemical Approaches for the Distributed Production of Hydrogen Peroxide</i>
	3.10 – 3.45	Shar Rukh Abbas <i>Polymeric microbubbles as Ultrasound Contrast Agents</i>

All 3rd Year Talks are scheduled for 35 minutes in total. Please aim for 25minutes for presentation and 10 minutes for questions.