



**University of Strathclyde, Technology & Innovation Centre
99 George Street, Glasgow**

Wednesday 25 May 2016

09:00 Registration:

Tea and Coffee, Foyer: Exhibition including SUPA student poster competition finalists

09:30 Welcome and Opening Address:

Prof Alan Miller, SUPA CEO;
Prof Jim McDonald, University of Strathclyde

SUPA THEME HIGHLIGHTS: SUB DISCIPLINE THEMES

10:00 Astronomy and Space Sciences:

Introduction by Prof Ken Rice:
'The dawn of gravitational-wave astronomy', Prof Graham Woan

10:20 Condensed Matter & Materials Physics:

Introduction by Dr Brendon Lovett:
'Using superconductivity and magnetism to make magnetic gold', Prof Steve Lee

10:40 Nuclear and Plasma Physics:

Introduction by Prof Dino Jaroszynski and Highlights

11:00 Tea, Coffee and Refreshments, Foyer: Exhibition including SUPA student poster competition finalists

11:20 Photonics:

Introduction by Dr Robert Thomson:
'Exploiting multimode propagation for in-vivo endomicroscopy',
Dr Tomas Cizmar

11:40 Particle Physics:

Introduction by Prof Paul Soler:
'Pentaquark discovery at LHCb', Dr Greig Cowan;
'New physics searches at ATLAS at 13 TeV', Dr Chris Pollard

SUPA THEME HIGHLIGHTS: INTERDISCIPLINARY/IMPACT THEMES

12:00 Energy:

Introduction by Prof Paul McKenna:

'Soft Materials for Energy Storage', Dr Job Thijssen;
'Solar-pumped Semiconductor Lasers', Dr Adrian Quarterman;
'Muon Tomography of Nuclear Waste', Prof David Ireland;
Discussion, Q&A

12:20 Physics and Life Sciences:

Introduction Prof Gail McConnell with Highlights from Prof Rory Duncan and Prof Tim Newman; Discussion, Q&A

12:40 Lunch, Foyer: Exhibition including SUPA student poster competition finalists

14:00 EXPERIENCES OF RSE YOUNG ACADEMY PHYSICISTS:

Introduction Dr Victoria Martin: RSE Young Academy;
Dr Tiffany Wood: RS Industry Fellowship;
Dr Joe Forth: Industrial Placement;
Prof Daniele Faccio: Imaging at the Speed of Light;
Dr Graeme Malcolm: Delivering Commercial Impact of Physics R&D - M Squared Lasers

15:15 Tea, Coffee and Refreshments, Foyer: Exhibition including SUPA student poster competition finalists

15:30 KEYNOTE SPEAKER:

Prof Richard Ellis, Professor of Astrophysics, University College London and Senior Scientist, European Southern Observatory, Carnegie Centenary Professor 2015

Cosmic Dawn: Searching for the First Galaxies

16:30 Closing Address

16:30 IoP Public Event: Refreshments

Exhibition including SUPA student poster competition finalists

17:30 KEYNOTE SPEAKER :

Prof David Miller, Stanford Photonics Research Centre, Stanford University

Energy, the Internet, and Quantum Mechanics

18:30 Close of Meeting