

Frontiers of Physics 2014

Saturday 27th September 2014

School of Physical Sciences, Nursing Building, Dublin City University

Time	Programme		Location
09.00	Registration and Exhibitions		Nursing Building
09.30	Dr. Eilish McLoughlin, DCU/Co-Chair of IOPI Education Group Prof. Brian MacCraith, President DCU Damien English, TD, Minister of State for Skills, Research and Innovation		HG23
09:50	Prof. Greg Hughes, DCU <i>The role of the semiconductor device in the information age.</i>		HG23
10:10	Ms. Jenifer Gaughran, DCU <i>Just a Pinprick: The Next Generation of Disease Detection.</i>		HG23
10:30	Tea/Coffee/Exhibitions (Foyer, HG19, HG22)		Nursing
11:00	Dr. Bert Ellingboe, DCU <i>Creating 30,000-degree chemistry at room temperature: enabling the frontiers of Nano-Science with Plasma.</i>		HG23
11:20	Dr. Tony Cafolla, DCU <i>Graphene: A new form of carbon with scientific impact and technological promise.</i>		HG23
11:40	Dr. Sheila Gilheany, IOPI <i>IOP in Ireland: 50 years looking Forward</i>		HG23
12:00	Keynote Speaker - Dr. Hugh Hunt University of Cambridge <i>Boomerangs, Bouncing Balls and Other Spinning Things</i>		HG23
12:50	Lunch/Exhibitions (Foyer, HG19, HG22)		Nursing
	Group A	Group B	Group C
14:00	David Featonby SonS UK <i>Money Matters</i> (HG18)	Lucienne McCallum, Timstar UK <i>Electrostatics – “sparking inspiration with electricity”</i> (HG06)	Eilish McLoughlin, Paul van Kampen, Paul Grimes, DCU. <i>Talking about light in the inquiry classroom</i> (HG10)
14:40	Johanne Patry SonS Canada. <i>Modeling the Hero-Scientist: the Beaker and the Sword</i> (HG17)	Eilish McLoughlin, Paul van Kampen, Paul Grimes, DCU. <i>Talking about light in the inquiry classroom</i> (HG10)	Lucienne McCallum, Timstar UK <i>Electrostatics – “sparking inspiration with electricity”</i> (HG06)
15:20	Eilish McLoughlin, Paul van Kampen, Paul Grimes, DCU. <i>Talking about light in the inquiry classroom</i> (HG10)	Johanne Patry SonS Canada <i>Modeling the Hero-Scientist: the Beaker and the Sword</i> (HG17)	David Featonby SonS UK <i>Money Matters</i> (HG18)
16.00	Conference Close Paul Nugent, IOPI Teacher Network Coordinator		HG23
16.15	Review and discussion of Leaving Cert 2014 Physics exams David Keenahan, IOPI Teacher Network Coordinator		HG17