

Frontiers of Physics

Sat Sept 19th 2015

School of Physics NUI Galway

Time	Programme		
09.00	Registration and Exhibitions		
09.30	Words of Welcome Prof. Donal Leech, Dean of Science		Darcy Thompson Theatre
9:45	Dr Miriam Byrne, School of Physics, NUI Galway What's in the air we breathe? Indoor Air Quality at Home and in School		
10:10	Dr Matt Redman, School of Physics, NUI Galway We are all made of stardust – our astrophysical origins		
10:35	Dr Veronica McCauley and Martin McHugh, School of Education, NUI Galway Teaching and Learning with Videos and Hooks		
11:00	Tea/Coffee/Exhibitions		
11.30	Dr Mark Foley, School of Physics, NUI Galway Biomedical Physics – accelerating the fight against cancer		
11.55	Keynote Speaker – Prof. Frank Close OBE Oxford University Mr Neutrino: Bruno Pontecorvo - physicist, and spy?		
12:45	Lunch/Exhibitions /SCIENTIX Drop-in Session		
	Group A	Group B	Group C
14:00	Sean O’Gorman, NUI Galway Photonics Explorer Kit: Bringing Light Home to Students Physics room 222	Rebekah D’Arcy, NUI Galway What’s the matter with atoms? Physics room 205	Science on Stage Team Demos and ideas from SonS2015 London Physics room 224
14:40	Eleanor Nolan Claregalway College CERN and Particle Physics Workshop, Physics room 220	Sean O’Gorman, NUI Galway Photonics Explorer Kit: Bringing Light Home to Students Physics room 222	Rebekah D’Arcy, NUI Galway What’s the matter with atoms? Physics room 205
15:20	Science on Stage Team Demos and ideas from SonS2015 London Physics room 224	Eleanor Nolan, Claregalway College CERN and Particle Physics Workshop, Physics room 220	Sean O’Gorman, NUI Galway Photonics Explorer Kit: Bringing Light Home to Students Physics room 222
16.00	Conference Close Paul Nugent, IOPI Teacher Network Coordinator		Darcy Thompson Theatre
16.15	Review and discussion of Leaving Cert 2015 Physics exams David Keenahan, IOPI Teacher Network Coordinator		Physics room 220