



Research Institutes 2nd Annual Conference

Day 1: Wednesday 30th November 2016

Location: Hamilton Centre

09:30	Registration	
10:00-10:30	Opening Plenary Vice-Chancellor and President - Professor Julia Buckingham Deputy Vice-Chancellor (Research and Innovation) - Professor Geoff Rodgers	
10:30-10:45	Introduction to the Research Institutes Catalyst Fund Professor Susan Jobling and Professor Luiz Wrobel	
10:45-11:15	Interdisciplinary Award Professor Nigel Saunders IEF: Synthetic Biology <i>'SynbiSTRAIN: Bacterial strain and bioPART discovery resources for interdisciplinary synthetic biology and biotechnology'</i>	E X
11:15-11:30	Coffee and Exhibition	H
11:30-13:00	IDEA Awards Dr Lesley Henderson IEHS: Welfare, Health and Wellbeing <i>'Storytelling and public health: Digital methods, media advocacy and social change'</i> Dr Lorna Anguilano IMM: Materials Characterisation and Processing <i>'Light, recyclable, sustainable: novel metal matrix composites for marine applications'</i> Dr Yan Huang IMM: Liquid Metal Engineering <i>'Feasibility study of integrated cast-extrusion of light alloys'</i> Dr Peter Wilkin IEF: Resource Efficient Future Cities <i>'Top-Down and grassroots approaches to sustainable housing'</i> Dr Alvin Gatto IEF: Resource Efficient Future Cities <i>'Investigation of base pressure drag reduction techniques for large goods vehicles'</i> Drs Meriel Norris and Jennifer Ryan IEHS: Ageing Studies <i>'The association between activity capacity, capability, performance and participation in adults with Multiple Sclerosis'</i>	I B I T I O Z
13:00-14:15	Lunch and Exhibition	

* Parallel Sessions		
	Darwin Room	Newton Room
14:00-14:10	Energy Futures and Materials and Manufacturing	Environment, Health and Societies
	Introduction - Professor Luiz Wrobel	Introduction - Professor Susan Jobling
14:10-14:25	Dr Panos Louvieris IEF: Smart Power Networks <i>'Empowering renewable energy prosumers through big data analytics'</i>	
14:25-14:45	Dr Hussam Jouhara IEF: Energy Efficient and Sustainable Technologies <i>'Waste heat recovery systems for challenging industrial applications'</i>	Dr Mark Scrimshaw IEHS: Environment and Health <i>'The history of INTCATCH, an EU Horizon 2020 project'</i>
	Dr Apostolos Pesiridis IEF: Advanced Powertrain and Fuels <i>'Expander design for organic rankine cycle waste heat recovery in transportation applications'</i>	
14:45-15:00	Dr Ali Mousavi IMM: Micro-Nano Manufacturing <i>'Zero-defect manufacturing strategies towards on-line production management for European FACTORIEs'</i>	Dr Gabriella Spinelli IEHS: Ageing Studies <i>'Reciprocal care for sustainable communities'</i>
15:00-15:15	Dr Harjit Singh IEF: Energy Efficient and Sustainable Technologies <i>'Directly absorbing concentrating solar collectors for medium temperature heat'</i>	Dr Subhash Pokhrel IEHS: Health Economics <i>'Multi-disciplinary approach to research for impact: the case of EQUIPT'</i>
15:20-15:40	Coffee and Exhibition	
15:40-15:55	Dr Xiangming Zhou IMM: Structural Integrity <i>'A new type of greenness: using additive manufacturing technology to create multi-layer modular panels for buildings'</i>	Dr Nicola Ansell IEHS: Welfare, Health and Wellbeing <i>'Education systems, aspiration and learning in remote rural settings'</i>
15:55-16:10	Dr Mark Atherton IMM: Design for Sustainable Manufacturing <i>'Synergies between disciplines in the Theme'</i>	Dr Michael Themis IEHS: Synthetic Biology <i>'Gene Therapy Genotoxicity - Development of an alternative to animal models'</i>
16:10-16:25	Dr Marco Cavallaro IMM: Design for Sustainable Manufacturing <i>'Digital Manufacturing: data-driven design towards an integrated approach for a new generation of products'</i>	Professor Wamadeva Balachandran IEHS: Biomedical Engineering <i>'Electronic self-testing instrument for sexually transmitted infections'</i>
16:30-17:00	Brunel's Doctoral Training Centres - Professor Tess Kay	
17:00	Research Institutes Awards Ceremony (Recognising the achievements of our Researchers)	

*Exhibition open all day in Newton/Cavendish/Darwin Rooms, which includes:

- Fixed-Term Researchers Poster Competition Library
- Theme Stands
- Catalyst Fund Posters
- Graduate School
- RSDO