

Royal Society Research Fellows Conference - 19-20 March 2014

Day 1

1.00pm	Registration
1.45pm	Welcome Address <i>Sir Paul Nurse PRS</i>
2.00pm	Plenary Session 1 Dr Wlodek Forysiak <i>Information capacity limits in optical fibre communications</i> Dr Jonathan Dawes <i>Mathematical models for pattern formation</i> Dr Esther Becker <i>New insights into diseases of the 'little brain'</i>
3.30pm	Coffee Break
4.00pm	Dr Karen Lipkow <i>Ready, steady...hold it! Exposing the poised nature of genomes and their 3D organisation</i> Dr Paul Williams <i>Will flights get bumpier because of climate change?</i>
5.00pm	Drinks Reception
6.00pm	Panel Discussion: Perspectives on Creativity in Science Chaired by Professor Frances Ashcroft FMedSci FRS <i>Panel members include:</i> <i>Professor Henning Sirringhaus, University of Cambridge</i> <i>Andrew Cohen, Head of the BBC Science Unit</i> <i>Professor Ottoline Leyser FRS, University of Cambridge</i> <i>Professor Geoffrey Boulton FRS, University of Edinburgh</i>
7.30pm	Dinner
9.30pm	End

Day 2

9.00am	Registration		
9.15am	Welcome Address <i>Dr Julie Maxton, Executive Director</i>		
9.30am	Parallel Session 1		
	Resources Chair – Dr Boris Adryan <i>Dr Janet Anders</i> <i>Dr Caroline Brennan</i> <i>Dr Emily Flashman</i> <i>Dr Indi Tristante</i> <i>Professor Karen Wilson</i>	Patterns and Symmetry Chair – Dr Colin Russell <i>Dr Eva Gluenz</i> <i>Dr Jens Januschke</i> <i>Dr Silvia Paracchini</i> <i>Dr Asel Sartbaeva</i> <i>Dr Bruce Turnbull</i>	Science of the Small Chair – Dr Hendrik Nahler <i>Dr Natalia Gromak</i> <i>Dr Gavin Hesketh</i> <i>Dr Chris Illingworth</i> <i>Dr Michelle Moram</i> <i>Dr Sarah Newey</i>
10.45am	Coffee and Networking session		
11.45am	Parallel Session 2		
	Coping with multiscale problems Chair – Dr Brian Gerardot <i>Dr Jennifer Bizley</i> <i>Dr Tom Dunkley-Jones</i> <i>Dr Radek Erban</i> <i>Professor Mark Gieles</i> <i>Dr Andreas Kranis</i>	Imaging Chair – Dr Joanna Parish <i>Professor Alan Chalmers</i> <i>Dr Susan Cox</i> <i>Dr Richard Massey</i> <i>Dr Oleg Mitrofanov</i> <i>Dr Francisco Suzuki-Vidal</i>	Networks Chair – Dr Holly Bridge <i>Dr Adam Barker</i> <i>Dr Clive Bowman</i> <i>Dr John Pinney</i> <i>Dr Elva Robinson</i> <i>Dr Elizabeth Tunbridge</i>
1.00pm	Lunch		
2.00pm	Plenary Session 2, Chaired by Professor Tony Cheetham FRS		
	Dr Silke Weinfurter <i>Hydrodynamic simulations of black holes</i> Dr Kerry Franklin <i>Light, temperature and plant development</i>		
2.50pm	Comfort Break		
2.55pm	Dr Rebecca Notman <i>Modelling the elastic and barrier properties of skin</i> Dr Araxi Urrutia <i>How does our genome store complexity?</i>		
3.45pm	Coffee break		
4.00pm	Keynote address by Dame Nancy Rothwell FRS Followed by closing remarks from Professor Tony Cheetham FRS		
5.00pm	End		