

RoSBNet Synthetic Biology Workshop 2010

12th – 14th July 2010
St Anne's College, University of Oxford

Workshop Schedule

Monday 12th July 2010

Time	Description	Chairperson	Venue
1000 – 1115	Registration and Tea/Coffee		SR 7
1115 – 1130	Dr Antonis Papachristodoulou University of Oxford, UK "Welcome and Introduction"	Dr Antonis Papachristodoulou	Tsuzuki Lecture Theatre
1130 – 1215	Professor Michael Savageau University of California Davis, USA "Phenotypes in the Design Space of Biochemical Systems"		
1215 – 1300	Professor Michael Hecht University of Princeton, USA "From Protein Design to Artificial Genomes: De Novo Proteins Sustain the Growth of Living Cells"		
1300 – 1400	Lunch		Ruth Deech Foyer B
1400 – 1445	Professor Hans Westerhoff University of Manchester, UK "Engineering Self-sustaining Networks: Resolving the Paradox"	Dr Guy-Bart Stan	Tsuzuki Lecture Theatre
1445 – 1530	Professor Murat Arcak University of California Berkeley, USA "Exploiting Structure and Input-Output Properties in Biological Networks"		
1530 – 1615	Tea/Coffee Break		SR 7
1615 – 1700	Ms Susan Soulsby EPSRC, UK "Synthetic Biology Dialogue – What Next?"	Dr Alexander Kelle	Tsuzuki Lecture Theatre
1700 – 1800	Panel Discussion		Tsuzuki Lecture Theatre
1915	Dinner		Dining Hall

Tuesday 13th July 2010

Time	Description	Chairperson	Venue
0845 – 0915	Tea/Coffee		SR7
0915 – 1000	Professor Christina Smolke Stanford University, USA “Programming Cellular Behavior with RNA Controllers”	Professor Judith Armitage	Tsuzuki Lecture Theatre
1000 – 1045	Professor Ian Thompson University of Oxford, UK “Engineering Microbial Consortia by Synthetic Biology”		
1045 – 1130	Tea/Coffee Break		SR7
1130 – 1215	Dr Stuart Dunbar Syngenta, UK “Synthetic Biology in Agriscience - Challenges and Opportunities”	Dr Annamaria Carusi	Tsuzuki Lecture Theatre
1215 – 1300	Professor Giovanni Boniolo IFOM—IEO, Italy "Could we Formalize the Biochemical Processes? And why?"		
1300 – 1400	Lunch		Ruth Deech Foyer B
1400 – 1530	Poster Session/Discussion Tea/Coffee Break		SR 7
1530 – 1700	Breakaway Sessions		SR7, Tsuzuki Theatre, Foyer B Ruth Deech
1700 – 1800	Panel Discussion		Tsuzuki Theatre
1900 – 1930	Pre-Dinner Drinks		Ruth Deech Foyer A
1930	Dinner		Ruth Deech Foyer B

Wednesday 14th July 2010

Time	Description	Chairperson	Venue
0845 – 0915	Tea/Coffee		SR9
0915 – 1000	Professor Dirk Stemerding Rathenau Institute, The Netherlands “Societal implications of Synthetic Biology: the Challenge of ‘Responsible Innovation’”	Dr Mauricio Barahona	Tsuzuki Lecture Theatre
1000 – 1045	Dr Sven Panke ETH Zürich, Switzerland “From Understanding to Designing Enzymatic Networks”		
1045 – 1115	Tea/Coffee Break		SR9
1115 – 1200	Professor Peter Swain University of Edinburgh, UK “A Potential Strategy for Cellular Decision- making”	Dr Eric Bullinger	Tsuzuki Lecture Theatre
1200 – 1245	Professor Béla Novák University of Oxford, UK “Network Motifs of Cell Cycle Phosphorylation Networks”		
1245 – 1300	Meeting Summary and Close		
1300 – 1400	Lunch		Ruth Deech Foyer B
1400	Open Discussion		SR9