Imperial College
Institute of Systems and Synthetic Biology

Autumn Symposium

14 and 15 November 2012

Venue

Imperial College Business School
Imperial College, South Kensington Campus
London SW7 2AZ

Lower Ground Lecture Theatre (LGR)
Programme
Wednesday 14th November 2012

9.00  Registration/Coffee  Imperial College Main Entrance
9.30  Rector’s Introduction
9.45  Keynote lecture  Jeff Hasty, UCSD
10.45 Strategic Overview  Prof Richard Kitney
(Chairman, Institute of Systems and Synthetic Biology)
11.15  Coffee Break  Lower Ground Floor – Business School

Session 1  EPSRC Centre for Synthetic Biology and Innovation (CSynBI) session
Co-Chairs: Prof Richard Kitney and Prof Paul Freemont

11.45  Plenary 1  Andrew Turberfield, Oxford
Synthetic molecular machinery from DNA
12.15  Plenary 2  Jim Ajioka, Cambridge

12.45  Lunch  Lower Ground Floor – Business School
14.00  Plenary 3  Susan Rosser, Glasgow
Recombinases as tools for Synthetic Biology
14.30  Plenary 4  Vincent Danos, Edinburgh
Coarse-graining the dynamics of ideal branched polymers
15.00  Plenary 5  Emma Frow, Edinburgh
Social and technical dimensions of standards development in synthetic biology
15.30  Coffee Break  Lower Ground Floor – Business School
16.00  Plenary 6  Lionel Clarke, Shell
16.30  Plenary 7  Colin Harwood, Newcastle
A multi-omics approach to the re-annotation of the Bacillus subtilis genome and its implications for chassis development”.
17.00  Plenary 8  Declan Bates, Exeter
17.30  Closing Remarks
18.00  Drinks reception  Lower Ground Floor – Business School
19.00  End
Thursday 15th November 2012

9.00 ISBE Overview
Prof Richard Kitney
(Chairman, Institute of Systems and Synthetic Biology)

Session 2 Centre for Integrative Systems Biology and Bioinformatics (CISBIO) session
Co-Chairs: TBA

9.30 Plenary 1
Stephen Renshaw, Sheffield
Modelling of in vivo immune cell dynamics in Zebrafish

10.00 Plenary 2
Sarah Filippi, Imperial College London
Simulation based bayesian experimental design and its application to complex models in system biology

10.30 Coffee break
Lower Ground Floor – Business School

11.00 Plenary 2
Peter Swain, Edinburgh
Identifying the sources of variation and information flow in biochemical networks

11.30 Plenary 3
TBA

12.00 Closing Remarks

12.30 Close