

Prospects in Synthetic
Biology

Tuesday December 11th, 2012
Abbé Grégoire Auditorium, CNAM
292, rue Saint Martin
Paris, 3rd arrondissement

Pre-Program

- 9 a.m. **Welcome of participants**
- 9.30 a.m. **General introduction**
Aviesan representative
Allenvi representative - Paul Colonna (Head of Allenvi's thematic group Sustainable Chemistry)
- 9.40 a.m. **"Synthetic biology, past, present and future" – Jean Weissenbach** (Genoscope, Evry)
- 10 a.m. **Engineering of genomes and synthetic genomes - Carole Lartigue** (French National Institute for Agricultural Research/INRA, Bordeaux)
- 10.30 a.m. **Eukaryote genetic circuits – Damien Coudreuse** (Rennes Genetic and Development Institute/IGDR, French National Center for Scientific Research/CNRS, Rennes)
- 11 a.m. *Coffee break*
- 11.15 a.m. **Tools for Synthetic Biology – Microfluidics/liposomes – Jérôme Bibette** (Graduate School for Industrial Physics and Chemistry/ESPCI, Paris)
- 11.45 a.m. **Chemistry of nucleic acids - Piet Herdewijn** (Synthetic and Systemic Biology Institute/iSSB, Genopole®, CNRS, Evry and Rega Institute, Leuven)
- 12.15 p.m. **Modeling – Gregory Batt** (French National Institute for Research in Computer Science and Control/INRIA – "Constraints" Team, Rocquencourt)
- 12.45 p.m. *Buffet lunch*
- 2.15 p.m. **Artificial regulation - Alfonso Jaramillo** (iSSB, Genopole®, CNRS, Evry)
- 2.45 p.m. **Protein engineering-Biocatalysis - Magali Remaud-Siméon** (French National Institute of Applied Sciences/INSA, Toulouse)
- 3.15 p.m. **Metabolic engineering - Retro-biosynthesis - Philippe Soucaille** (INSA, Toulouse)
- 3.45 p.m. **Artificial enzymes – Marius Reglier** (Institute of Molecular Sciences/ISM2, CNRS, Aix-Marseille University)
- 4.15 p.m. *Coffee break*
- 4.30 p.m. **"Young researchers" stream - David Bikard**, Postdoctoral student, Laboratory of Bacteriology, Rockefeller University, New York and **Camille Delebecque**, visiting Research Fellow in Systems Biology, Harvard Medical School, Boston
- 5 p.m. **Synthetic biology observatory – Solène Margerit** (assistant coordinator of the Observatory)
- 5.15 p.m. **Round table: Training. Organization of the field. Proposals for action. Conclusions.**
Moderator - **Francois Képès** (iSSB, Genopole®, CNRS, Evry)
- 6 p.m. **End of the day**

Registration is free but compulsory: <http://bio-synthese.sciencesconf.org/>