



Workshop:

SYNTHETIC ECOSYSTEMS

Friday, 27 April 2012

Center for Advanced Studies (CAS^{LMU}), Ludwig-Maximilians-Universität München
Seestraße 13
www.cas.lmu.de

ABSTRACT:

Synthetic biology is a new interdisciplinary branch within Life Sciences. Synthetic biology refers to the (re-)design and fabrication of biological parts, circuits, organisms and even ecosystems.

The third workshop within the course of the CAS research focus "Synthetic Biology" concentrates on synthetic ecosystems. Biologists, physicists and linguists will discuss the basis of interspecies' interactions and the importance of communication for cooperation, group formation, and coexistence of different organisms.

PROGRAM:

- 14.00 Welcome Address: Kirsten Jung (LMU)
- 14.05 **Wilfried Weber** (Universität Freiburg)
Synthetic Mammalian Ecosystems
- 15.00 **Bodo Philipp** (Universität Münster)
Synthetic communities as model systems for investigating organismic interactions of bacteria
- 15.55 Coffee
- 16.15 **Heinrich Jung/Erwin Frey** (LMU)
Synthetic Populations and the Evolution of Cooperation
- 17.10 **Michael Cysouw** (Universität Marburg)
The message and its meaning: the linguistic perspective
- 18.00 Reception at CAS

Registration required. Please contact us at info@cas.lmu.de