

Workshop & Summer School

Models of Life

August 2-8, 2015
Krogerup Højskole
Humlebæk, Denmark

With a focus on simple conceptual and quantitative models, this meeting aims to strengthen the inventiveness in modelling biology across all scales. Speakers are encouraged to present new ideas, theories, and inspiring thoughts. The topics include themes from dynamics of gene expression and regulation, spatio-temporal dynamics, epigenetics, bet-hedging, evolution and the many seemingly different solutions that life has found to solve a given type of problem. The challenge is to find out what we can do with all the many things we have learned from biology, and how this can be used to improve our thinking.

Invited speakers

M. Ackermann, E. Aurell, M. Babu, S. Bornholdt, K. Dill, E. Frey, K. Gerdes, U. Gerland, N. Goldenfeld, A. Grapin-Botton, V. Hakim, J. Härtter, M. Howard, M. Hutt, S. Jain, H. Jonsson, K. Kaneko, B. Kerr, S. Klumpp, S. Krishna, J. Krug, M. Lassig, S. Leibler, B. R. Levin, S.C. Manrubia, M. Marsili, S. Maslov, M. Nicodemi, J. G. Ojalvo, S. Pedersen, S. Pigolotti, S. Semsey, T. Shibata, G.V. Shivashankar, L. Simonsen, R. Sole, J. Stavans, L. Tang, G. Tian, G. Thon, A. Trusina, A. Walczak, H. Williams

Application

<http://www.cmol.nbi.dk/ModelsofLife2015.html>

Deadline: April 1, 2015. Acceptance will be notified shortly after the deadline.

Registration fee: 600 EUR (meals and lodging included)

- Limited to 90 participants.
- Poster encouraged. Limited slots for short oral presentation also available.

Course credit

The full participation to the school with poster presentation corresponds to work load of 3 ECTS points for PhD students.

Organizers

Namiko Mitarai, Kim Sneppen, Mogens H. Jensen
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Niels Bohr Institute, University of Copenhagen.

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