

The Simons Center for Systems Biology Seminar Series - Spring 2008

Bloomberg Hall Physics Library *
Institute for Advanced Study

*except where otherwise noted

Seminar Schedule

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| January 8
4:00 pm | Nils Baas
The Norwegian University of Science and Technology,
Trondheim
<i>From Networks to Hyperstructures</i> |
| January 9
4:00 pm | M. Tefik Dorak
HUMIGEN, LLC, The Institute for Genetic
Immunology
<i>Complex Genetics of Childhood Leukemia Susceptibility</i> |
| January 25
4:00 pm | Anindya Bagchi
Cold Spring Harbor Laboratory
<i>Quest for the lp36 tumor suppressor: Mouse holds the
key</i> |
| February 6
4:00 pm | Sui Huang
Institute for Biocomplexity and Informatics,
University of Calgary, and Children's Hospital,
Harvard Medical School
<i>Cell Fate Decisions in Multi-Potent Cells: Towards a
Formal Description of Waddington's Epigenetic
Landscape</i> |
| February 8
4:00 pm | Paul Nurse
President, The Rockefeller University
<i>Great Ideas of Biology</i> |
| February 13
10:30 am | Kathleen Burns
The Johns Hopkins Medical Institutions
<i>Comprehensive Transposon Mapping in the Human
Genome</i> |
| February 15 | Kerwyn Huang |

- 4:00 pm** **Princeton University**
*Membrane Mechanics: Translating Biophysical Models
Into Subcellular Organization*
- March 4** **Gary A. Churchill**
3:30 pm **The Jackson Laboratory**
Co-adapted alleles and the evolution of complex traits
- March 26** **Jesse Bloom**
4:00 pm **California Institute of Technology**
*Biophysical Constraints on the Antigenic Evolution of
Influenza*
- March 28** **David Nelson**
4:00 pm **Harvard University**
Neutral Mutations and Gene Surfing in Microorganisms
- April 4** **Joshua D. Rabinowitz**
4:00 pm **Princeton University**
*Towards a Comprehensive Understanding of Cellular
Metabolism*
- April 18** **Salvatore Torquato**
4:00 pm **Princeton University &**
Member, School of Natural Sciences, Institute for
Advanced Study
Growing Brain Tumors in Silico
- April 23** **Alexander van Oudenaarden**
4:00 pm **Massachusetts Institute of Technology**
*Dynamics of Gene Expression and Signal Transduction
in Single Cells: Noise, Feedback and Survival*
- May 12** **Krastan B. Blagoev**
4:00 pm **National Science Foundation**
*Telomere Dynamics and Cell Proliferation in Cancer
and Aging with and without Telomerase*
- May 14** **Myles Brown**
4:00 pm **Harvard Medical School &**
Dana-Farber Cancer Institute
Title: TBA
- May 16** **Coleen Murphy**
4:00 pm **Princeton University**
*How Insulin and TGF- β signaling influence *C. elegans**

Lifespan and Reproduction

Last updated April 4th, 2008