Introduction to Research at IST Austria

Overview:
This course gives an introduction to the research of the IST faculty. The intent is to foster the interdisciplinary spirit at IST Austria and provide first-year PhD students with an overview to aid them in choosing labs for rotations and their doctoral advisor. Also IST students who have transferred from other places are strongly encouraged to attend the course and external students are welcome. Each class will feature one of the faculty presenting her/his work. Each faculty will provide background reading the week prior to teaching.

Schedule:
Oct. 18  Christoph Lampert — Computer vision, machine learning
Oct. 25  Jonathan Bollback — Experimental evolution, statistical genomics
Nov. 2   Krishnendu Chatterjee — Computer-aided verification, game theory
Nov. 8   Mark Tobias Bollenbach — Biological physics, systems biology
Nov. 15  Michael Sixt — Cell biology, leukocyte migration
Nov. 22  Carl-Philipp Heisenberg — Cell and developmental biology, biophysics
Nov. 29  Herbert Edelsbrunner — Computational geometry and topology
Dec. 6   Nick Barton — Evolutionary genetics, mathematical biology
Dec. 13  Sylvia Cremer — Behavioral ecology, social immunity
Jan. 10  Calin Guet — Systems and synthetic biology
Jan. 17  Thomas Henzinger — Computer-aided verification, concurrent and embedded systems
Jan. 31  Peter Jonas — Neuroscience, synaptic transmission

The course starts on Monday, October 18, 2010, 10:00-11:00 am. Seminar Room Mondi 2, IST Austria Central Building, 1st floor.