



EU Regional School 2016

in Computational Engineering Science

Part 1, Course 1-5, January - June

COURSE 1

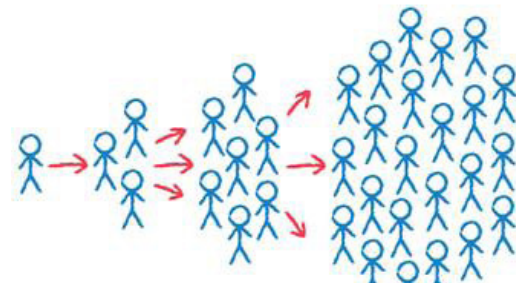
On Information Propagation, Social Influence, and Communities in Social Networks: an Algorithmic Perspective

April 19, 2016

01:00 - 02:30 pm & 2:45 - 4:15 pm

Dr. Francesco Bonchi

ISI Foundation, Data Mining at Eurecat
Turin, Italy; Barcelona, Spain



COURSE 2

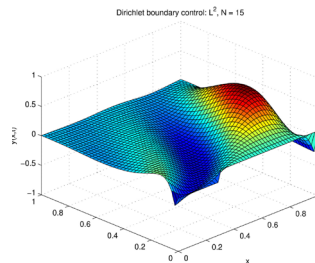
Nonlinear Model Predictive Control

May 12, 2016

09:00 - 10:30 am & 11:00 am - 12:30 pm

Prof. Dr. Lars Grüne

Department of Mathematics
Bayreuth University



COURSE 3

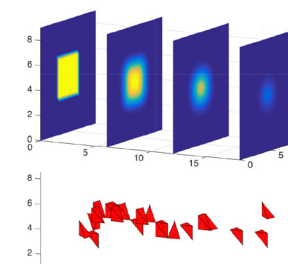
Model Reduction in PDE-Constrained Optimization (Part 1)

June 14, 2016

01:00 - 02:30 pm & 2:45 - 4:15 pm

Prof. Dr. Matthias Heinkenschloss

Department of Computational and Applied Mathematics
Rice University, USA



COURSE 4

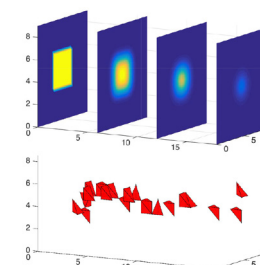
Model Reduction in PDE-Constrained Optimization (Part 2)

June 15, 2016

01:00 - 02:30 pm & 02:45 - 4:15 pm

Prof. Dr. Matthias Heinkenschloss

Department of Computational and Applied Mathematics
Rice University, USA



COURSE 5

Laplace-Beltrami: the Swiss Army Knife of Geometry Processing

June 17, 2016

01:00 - 02:30 pm & 02:45 - 4:15 pm

Prof. Dr. Keenan Crane

Computer Science Department, Robotics Institute
Carnegie Mellon University, USA

