

# Collective dynamics, control, and imaging

## April 13 – June 15, 2017

Institute for Theoretical Studies (ITS), ETH Zürich  
Room E101, Building LEE, Leonhardstrasse 21

### Organizers

**Habib Ammari**

**Jean-Michel Coron**

**Eitan Tadmor**

ETH Zürich

Université Pierre et Marie Curie & ETH-ITS

University of Maryland & ETH-ITS

### Lectures

**April 13:**

**Pierre Degond**

**Ronald DeVore**

**Otmar Scherzer**

Imperial College London

Texas A&M University

RICAM, Linz

**April 28:**

**Georges Bastin**

**Massimo Fornasier**

**Ron Kimmel**

Université Catholique de Louvain

Technische Universität München

Technion, Haifa

**May 26:**

**José A. Carrillo**

**Florian Dörfler**

**Josselin Garnier**

Imperial College London

ETH Zürich

École Polytechnique

**June 15:**

**Peter Benner**

**Sebastian Kozerke**

**Rodolphe Sepulchre**

Max Planck Institut Magdeburg

ETH Zürich

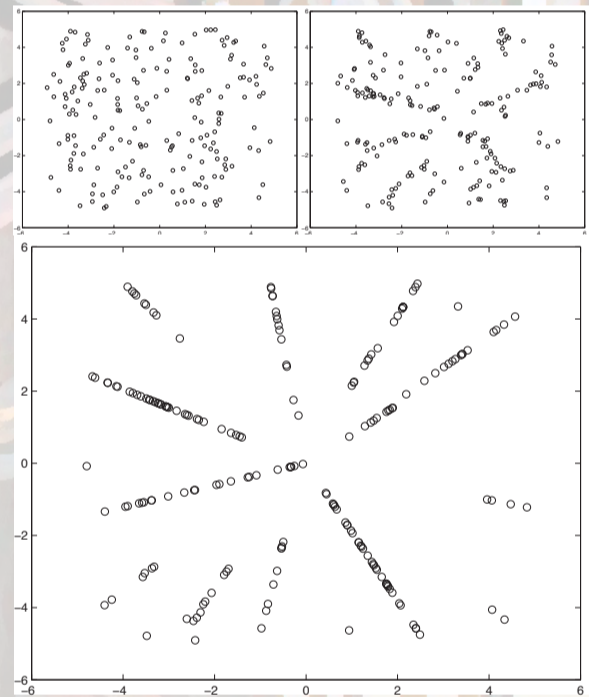
University of Cambridge

A limited amount of funding for travel and lodging is available for young researchers from Ki-Net nodes.

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**[www.ki-net.umd.edu](http://www.ki-net.umd.edu)**



Emergence of Leaders, *SIAM News*, Eitan Tadmor

### Goals

The aim is bringing together researchers with interest in collective dynamics and related questions in control, in current challenges in control and image processing, and in related questions within the general framework of inverse problems. The style is more about cross-disciplinary networking—exchange ideas and facilitate collaborations rather than disciplinary doctrines.



**KI-Net:** Kinetic description of emerging challenges  
in multiscale problems of natural sciences

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