



## Complexity and Emergence in Social and Biological Systems

coordinated by

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<http://www.ugr.es/~kinetic/biomat/>

## COURSES

**Tomás Alarcón** (CRM, Barcelona, Spain)

*Stochastic multiscale models of competition between cellular populations*

**Nicola Bellomo** (Politecnico di Torino, Italy)

*Crowd dynamics: What is a crowd for a mathematician?*

**Mirosław Lachowicz** (University of Warsaw, Poland)

*Hydrodynamic limits and self-organization*

**Philip Maini** (Oxford University, United Kingdom)

*Modelling collective cell motion in biology*

**Hans Meinhardt** (Max Planck Institute, Germany)

*Pattern formation*

**Jorge Pacheco** (Universidade do Minho, Portugal)

*Climate Change: Governance, Cooperation and Self-organization*

**Eitan Tadmor** (Maryland University, USA)

*Flocking and consensus in collective dynamics*

**Andrea Tosin** (Consiglio Nazionale delle Ricerche, Italy)

*Traffic flow on networks: A fully-discrete kinetic theory approach*

