



International Summer School
Spatial structures and Dynamics
Methods and tools for exploring spatial systems

50% courses / 50% tutorials

14-19 July 2014

Florence, Italy

Invited Lecturers

Arnaud Banos (CNRS, Paris) – **Itzhak Benenson** (Tel-Aviv University) – **Mélanie Bertin** (IRSET, Rennes) – **Chris Brusdon** (University of Liverpool) – **Marc Bui** (EPHE, Paris) – **Martin Charlton** (University of Liverpool) – **David Chavalarias** (CNRS, Paris) – **Emilie Counil** (EHESP, Rennes) – **Anne Dray** (ETH, Zürich) – **Tim Kholer** (State University of Washington) – **Keumsook Lee** (Sungshin Women University, Seoul) – **Florent Le Néchet** (University Paris-Est) – **Benjamin Lysaniuk** (CNRS, Paris) – **Hélène Mathian** (CNRS, Lyon) – **Lael Parrott** (University of British Columbia) – **Pascal Perez** (University of Woolongong) – **Fabien Pfaender** (UTC&UTSEUS, Shanghai University) – **Lena Sanders** (CNRS, Paris)

Topics covered

Agent-Based Modelling – Cellular automata – Companion modeling – Complex Networks – Complexity – Geosimulation – Multilevel modeling – Resource Management – Spatio-temporal modeling – Spatial Statistics

Disciplines concerned

Agronomy – Archeology – Computer Science – Demography – Economy – Geography – Ecology – Epidemiology – Mathematics – Sociology – Statistical physics – Statistics – Urban Planning – and more generally, *any discipline dealing with spatial structures and dynamics*

More information to come on:

<http://www.hesam.eu/labexdynamite/>

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