Extrait du Statistique, Analyse, Modélisation Multidisciplinaire (EA 4543)

http://samm.univ-paris1.fr/INTERACTIONS-2011-Mathematical

INTERACTIONS 2011 : Mathematical Sciences to the proof of Human & Social Sciences

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Date de mise en ligne : lundi 30 mai 2011

Date de parution : 30 mai 2011

Description :

Paris, May 30th & May 31st, 2011

Statistique, Analyse, Modélisation Multidisciplinaire (EA 4543)

The aim of the colloquium is to bring together mathematically-inclined scientists working on topics inspired by human society, with a view to developing links and fostering research at the interfaces.

The meeting will take place in Paris **from 1:30pm on Monday, May 30th to 4:30pm on Tuesday, May 31st**.

It will be hosted by the University of Paris Panthéon-Sorbonne, at the Pierre Mendès-France Centre.

Invited speakers

- 1st session [Monday 2pm] : **Cities**
  - "Visualising Social Complexity : Scaling, Size and Space-Time Dynamics"
    Michael Batty (*CASA*, UCL, London)
  - "Modeling Urban Housing Market Dynamics : Can Socio-Spatial Segregation Preserve Some Social Diversity ?"
    Laetitia Gauvin (*LPS*, ENS Paris)

- 2nd session [Monday 4.15pm] : **Networks**
  - "Evolution of Transportation Networks"
    Marc Barthélémy (*CAMS*, EHESS, Paris / IPhT, CEA, Saclay)

- 3rd session [Tuesday 10am] : **Circulations**
  - "Management of Urban Congestion Through Macroscopic Models"
    Jack Haddad (*LUTS*, EPF Lausanne)
  - "Transport Modelling for Road, Pedestrian, and Intra-cellular Traffic"
    Cécile Appert-Rolland (*LPT*, CNRS - Univ. Paris-Sud, Orsay)

- 4th session [Tuesday 2pm] : **Opinions**
  - "Leviathans and General Distrust Can Emerge From Mixing Gossips and Vanity"
    Guillaume Deffuant (*LISC*, CEMAGREF, Clermont-Ferrand)
  - "On PDE Models for Some Socio-Economic Problems : Price Formation, Opinion Formation and Human Crowds"
    Peter Markowich (*DAMTP*, Cambridge)

Registration Form

Organization

CAMS Centre d'Analyse et de Mathématique Sociales

Survey And Perspectives INtegrating ENvironment & Society

SAMM Statistique, Analyse et Modélisation Multidisciplinaire

Contacts :

Julien Randon-Furling, Jean-Pierre Nadal