

## Centre Pierre Mendès-France

(arch.: Andrault & Parat, 1970-1973)

90 rue de Tolbiac  
Paris 13<sup>e</sup>

M<sup>o</sup> Olympiades (14)  
M<sup>o</sup> Place d'Italie (5, 6, 7)  
M<sup>o</sup> Tolbiac (7)  
Bus 62, 64, 83 (Tolbiac-Baudricourt)  
Bus 47 (Italie-Tolbiac)  
Bus 27 (Place d'Italie)  
From Place d'Italie, a 5-10 min walk  
via av. de Choisy or rues Bayet & Moureu.



All coffee breaks, and Tuesday's buffet lunch, take place in room C20.13.  
Talks and discussions take place in room C21.06.  
Both floors (20<sup>th</sup> & 21<sup>st</sup>) are reached with the red elevators, or the C staircase...

## Faculté de Droit du Panthéon

(arch.: Soufflot, 1771-1793)

12 place du Panthéon  
Paris 5<sup>e</sup>

Bus 27, 21 (St-Jacques Gay-Lussac, Luxembourg)  
Bus 47 (Cardinal-Lemoine)  
Bus 89, 84 (Panthéon)  
M<sup>o</sup> Place Monge (7)  
M<sup>o</sup> Maubert-Mutualité, Cardinal-Lemoine (10)  
RER Luxembourg (B), St-Michel Notre-Dame (B)



Monday's cocktail takes place in the *Appartement Décanal* (K staircase, 3<sup>rd</sup> floor).  
From Centre PMF, use metro line 7, or bus routes 83+27 or 62/64+47.  
Walking, eg via Place d'Italie, av. des Gobelins and rue Mouffetard,  
takes about 30 min.

# : Interactions :

Mathematical Sciences  
to the proof of  
Human & Social Sciences

Paris, May 30th & May 31st, 2011

Centre Pierre Mendès-France ·  
Université de Paris Panthéon-Sorbonne

L'ÉCOLE  
DES HAUTES  
ÉTUDES  
SCIENTIQUES  
SOCIALES



S·A·P·I·E·N·S



: Interactions :

1.00pm Welcome Coffee (room C20.13)

2.00pm 1st session: CITIES (room C21.06)

:: "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 (ENS Paris)

Paris, Monday 30 May 2011

4.00pm Coffee Break (room C20.13)

4.30pm 2nd session: NETWORKS (room C21.06)

:: "Evolution of Transportation Networks"  
Marc BARTHELEMY (CAMS, EHESS, Paris / IPHT, CEA, Saclay)

6.30pm Cocktail Apéritif (Appt Décanal, Faculté de Droit, Place du Panthéon)

: Interactions :

9.00am Coffee (room C20.13)

10.00am 3rd session: CIRCULATIONS (room C21.06)

:: "Management of Urban Congestion Through Macroscopic Models"  
Jack HADDAD (LUTS, EPF Lausanne)

:: "Transport Modelling for Road, Pedestrian and Intracellular Traffic"  
Cécile APPERT-ROLLAND (LPT, CNRS - Univ. Paris-Sud, Orsay)

Paris, Tuesday 31 May 2011

2.00pm 4th session: OPINIONS (room C21.06)

:: "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)

4.00pm Farewell Coffee (room C20.13)