



Amphithéâtre Charles Mérieux, ENS de Lyon

## Monday May 30th, 2011

Registration starts at 8:30

### 9h30 – Welcome address :

Jacques Samarut, Président de l'ENS de Lyon  
Michel Lussault, Président de l'université de Lyon  
Marie-Claude Maurel, Administratrice de l'IUF

### Session 1 ----- 10 h 15 - 12 h 00

- 10 h 15 - **Jean-Marie LEHN**, Nobel prize, Collège de France (Strasbourg)  
International year for Chemistry:  
***Perspectives in Chemistry: From Supramolecular Chemistry towards Adaptive Chemistry.***
- 11 h 15 - **Anne FAGOT-LARGEAULT**, Sciences Academy (Paris) :  
***Women, an insufficiently (or poorly) explored resource?***

12 h 00 - 13h 30 - Lunch

### Session 2 ----- 13 h 30 – 15 h 50

Moderators : Natalia Del Fatti / Nicolas Reveyron

- 13h30 **Cédric VILLANI**, Université Claude Bernard-Lyon1, Médaille Fields :  
***On the optimal allocation of resources***
- 14h15 **François COLLART DUTILLEUL**, Université de Nantes :  
*The challenge of food in the international trade in natural resources*
- 14h35 **Pierre FLUCK**, Université de Haute-Alsace :  
*Mineral resources: scientific explanations and technical know-how from the protohistoric periods to the present - the case of precious metals.*
- 14h55 **Nicholas ARNDT**, Université Joseph Fourier – Grenoble1 :  
*Metals and Society, or why we will never exhaust our reserves of copper, aluminium and the rare earths.*

- 15h15 **Franck DUMEIGNIL** Université Lille1  
*Bioresources & Next Generation Biorefinery*

15 h 35 - 16 h 00 – Coffee break

<p style="text-align: center;"><b>Session 3 ----- 16 h 00 – 17 h 45</b> Moderators : Christine Delprat / Georges Bohas</p>
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- 16h00 **Bernard GAZIER**, Université Paris1 :  
*What can be the meaning of the expression “Human Resources Strategies”?*
- 16h20 **Laurent DESVILLETES**, ENS Cachan **et Régis FERRIERE**, ENS Paris :  
*The possible effect of climate change on biodiversity: what can the model tell us?*
- 16h40 **Marie CARTIER**, Université de Nantes :  
*What resources does care work provide?*  
*An ethnographic study of childcare sector employees.*
- 17h00 **Eric VIVIER**, Université Aix-Marseille2 :  
*Innate Immune Resources.*
- 17h20 **Dominique VIART**, Université Charles de Gaulle-Lille3) :  
*The resources of contemporary French literature.*

*Reception, on invitation only*

# Tuesday May 31st, 2011

9 h 00 – Coffee time

## Session 4 ----- 9 h 30 – 10 h 55

Moderators : Emmanuelle Canet-Soulas / Ioan Negrutiu

- 9h30 **Table ronde : Pourquoi l'IUF ?**  
With **Claude Allègre**, former minister, IUF honorary member, Institut de Physique du globe de Paris, and **Vincent Courtillot**, IUF honorary member, Institut de Physique du globe de Paris
- 10h15 **Aurélien BARRAU**, Université Joseph Fourier-Grenoble1 :  
*Are spacetime resources infinite?*
- 10h35 **Christophe BOUTON**, Université Bordeaux 3 :  
*When the temporal resources run out: urgency*

10 h 55 - 11 h 15 – Coffee break

## Session 5 ----- 11 h 15 – 12 h 15

Moderators : Agnès Bernet / Jean-Paul Bravard

- 11h15 **Anne BENOIT**, ENS de Lyon, **Vangelis Th. PASCHOS**, Université Paris-Dauphine, **Michel RAYNAL**, Université Rennes1, **Yves ROBERT**, ENS de Lyon, **Denis TRYSTRAM**, INP Grenoble :  
*Computing resources: yet another matter of time!*
- 11h35 **Gérald BRONNER**, Université de Strasbourg :  
*Cognitive resources facing the information revolution*
- 11h55 **Patrick BONIN**, Université de Bourgogne :  
*Language production: A question of cognitive resources*

12 h 15 – 13 h 45 - Lunch

## Session 6 ----- 13 h 40 – 15 h 00

Moderators : Cristina Vieira / Romain Graziani

- 13h40 **Alain CELZARD**, Université Henri-Poincaré- Nancy1 :  
*New porous materials derived from natural resources.*

- 14h00 **Karine DUVIGNAU**, Université Toulouse2 - Le Mirail :  
*Approximation by analogy: a transcognitive and translinguistic resource*
- 14h20 **Elias KHAN**, Université Paris-Sud11 - Orsay) :  
*Energy resources of the atomic nucleus.*
- 14h40 **Véronique MONTEMONT**, Université Henri-Poincaré- Nancy1 :  
*How to create a lexical resource: the case of Frantext*

**Closing session ----- 15 h 20 – 17 h 30**

Moderator : Christian Henriot

- 15h20 **Nils Christian STENSETH**, Professor, University of Oslo and Director of the Center for Ecological and Evolutionary Synthesis, Oslo University, Norvège :  
***The effect of anthropogenic (climate and harvesting) on marine resources***
- 16h10 **Robert COSTANZA**, University Professor of Sustainability and Director, Institute for Sustainable Solutions (ISS) Portland State University. États-Unis :  
***Solutions for a sustainable and desirable future.***
- 17h00 **Michel SERRES**, de l'Académie française
- **Tribute to Michel Serres** : Inauguration of the « *Michel Serres Interdisciplinary Institute for Resources and Public goods* »

**Evening (starting 18h 00)**

Olivier Faron, directeur général de l'ENS de Lyon  
et Jacques Samarut, président de l'ENS de Lyon.

- **Robert Costanza and Nils C. Stenseth** will be awarded an honorary degree.