

## ISCOM Annual Meeting, 3-6 April 2005

Tentative Program

### *April 3: Innovation theory and case studies*

10:00-10:45 *Innovation theory* David Lane  
10:45-11:05 *Discussion* Dwight Read  
11:00-11:30 *Printing in Italy – 1465-1550* Michele Zappia

coffee break

11:45-12:30 *LonWorks in Europe*  
12:30–13:00 *Innovation and development policy* Margherita Russo and Federica Rossi

lunch

14:30–15:45 *An innovation modeling environment* Roberto Serra and Marco Villani

coffee break

16:00–17:00 *Modeling information space* Sander van der Leeuw and Davide Ferrari

17:00–18:30 GENERAL DISCUSSION

### *April 4: AM -- Urban scaling I*

9:00–9:30 *Introduction: World urbanization and three styles of urban systems*  
Céline Rozenblat  
9:30-10:30 *A theoretical model linking city growth, innovation, urban scaling and functional complexity within systems of cities* Anne Bretagnolle and Denise Pumain  
10:30-11:30 *Comparative scaling measurements and identification of complexity levels in urban functions (examples in France, USA, South Africa and Europe)* Fabien Paulus

Coffee break

11:45-12:15 *A simulation model linking interurban interactions, innovation and urban hierarchy* Jean-Marc Favaro  
12:15-13:00 *SIMPOP, a multi-agents model for generating three styles of systems of cities* Anne Bretagnolle, Sébastien Oliveau, Fabien Paulus, Denise Pumain

lunch

***April 4: PM – Dynamic networks***

14:30–15:30 *Generalized block modeling, dynamic network analysis* Vlado Batagelj

coffee break

15:45–16:45 *Recent developments in dynamic network analysis* Doug White

16:45–17:45 *An application of dynamic networks* Tim Evans, Carl Knappett and Ray Rivers

17:45–18:30 GENERAL DISCUSSION

20:00 GROUP DINNER – Restaurant “A mangiare”

***April 5 AM – Urban scaling II***

9:00-9:45 *An overview of scaling in cities and a generalised model for growth*  
Geoffrey West

9:45–10:30 *Innovation and urban scaling* Jose Lobo

10:30–11:15 *From networks to Zipf: charting the connections between social dynamics, scaling exponents and urban size distribution* Luis Bettancourt

coffee break

11:30-11:50 *Components of energy consumption in a global context* Shannon Larsen

11:50–12:20 *Scaling relations supported by data and a flow-based growth model*  
Christian Kuhnert

12:20-12:50 *The innovation of taking turns in a decision experiment* Dirk Helbing

12:50–13:30 GENERAL DISCUSSION

lunch

***afternoon FREE***

***April 6 Brainstorming, planning, administration***

9-9:30 *What we are committed to present* Federica Rossi

9:30 – 11:30 *What do we want to do??*

coffee break

11:45 – 13 GENERAL DISCUSSION