

ECCS'14 Satellite Workshop

COMPUTATIONAL SOCIAL SCIENCE

Contagion, Collective Behaviour, and Networks

Lucca, Italy

WEDNESDAY 24 SEPTEMBER, SAN FRANCESCO CHURCH

9.00-9.15	Alessandro Vespignani	Opening
<i>Session 1, Chair: Alessandro Flammini</i>		
9.15-10.00	Kimmo Kaski	Computational Social Science Approach to Human Sociality
10.00-10.15	H. Nax, D. Helbing, R. Murphy, S. Ballester and M. Perc	Meritocratic matching, group formation, cooperation
10.15-10.30	A. Zeng, C. Ho Yeung, M. Medo and Y.-C. Zhang	Adverse effects of recommendation on information ecosystems
10.30-10.45	A.-I. Babeanu, L. Talman and D. Garlaschelli	Structural properties of cultural spaces
10.45-11.00	A. Faqeeh, S. Melnik and J. Gleeson	Network cloning unfolds the effect of clustering on dynamical processes
11.00-11.30	Coffee break	
<i>Session 2, Chair: Taha Yasseri</i>		
11.30-12.15	János Kertész	Spreading on temporal networks: Results from empirical analysis, model calculations and simulation
12.15-12.30	J.I. Cano, N. Gilbert and C. Elsenbroich	Conceptualizing communication in the formation of small groups
12.30-12.45	J. Badham and N. Gilbert	Protective behaviour during an epidemic: feedback between social and viral contagion
12.45-13.00	S. Ballester, M. Mäs and D. Helbing	On fragmentation and scientific progress
13.00-14.00	Lunch	
<i>Session 3, Chair: Giovanni Luca Ciampaglia</i>		
14.00-14.45	Ciro Cattuto	Learning structures from high-resolution social network data
14.45-15.00	J. Borge-Holthoefer	The nested assembly of collective attention in online social systems
15.00-15.15	P. Nulty	Retrieving and parsing linguistic expressions of political attitudes
15.15-15.30	F. Giardini, D. Vilone and R. Conte	Opinion dynamics in social influence: A cognitive account
15.30-15.45	Karimi, Samoilenko, Bohlin, Rosvall and Lancichinetti	News, innovations, entertainment: learning about the global dynamics of awareness through Wikipedia activity
15.45-16.00	C. Consonni	Nuts4nuts: geospatial information from Wikipedia
16.00-16.15	C. Elsenbroich	Organised crime and social movements
17.00-17.30	Coffee break	

THURSDAY 25 SEPTEMBER, AUDITORIUM SAN MICHELETTO

Session 4, Chair: Javier Borge-Holthoefer

9.00-9.45	Esteban Moro	Using Friends as Sensors to Detect Global-Scale Contagious Outbreaks
9.45-10.00	C. Puschmann, S. Friesike, B. Fecher and K. Scheliga	Long-term motivation and power as key differentiators in crowd science platforms
10.00-10.15	H. Yamada and T. Hashimoto	Self-organization of community activity driven by subjective norm and self-efficacy
10.15-10.30	R.K. Vatrupu, R. R. Mukkamala and A. Hussain	A set theoretical approach to big social data analytics: concepts, methods, tools, and findings
10.30-10.45	S. O. Palermos	Group knowledge and social machines
10.45-11.00	D. Busquets, P. Petrucci and J. Pitt	The formal representation of social capital in socio-technical systems
11.00-11.30	Coffee break	
<i>Session 5, Chair: Márton Karsai</i>		
11.30-12.15	Alain Barrat	Day-to-day human interaction networks: from data to social sciences and epidemiology
12.15-12.30	E. Del Val, M. Rebollo and V. Botti	Analysis of the evolution of events on online social networks
12.30-12.45	S. Pramanik, A. Das and B. Mitra	Information spread on twitter: does mention help?
12.45-13.00	A. Rescigno, L. Gargano, M. Mecchia and U. Vaccaro	A fast and efficient heuristic for target set selection in social networks
13.00-14.00	Lunch	