

TENTATIVE PROGRAM
NETWORKS 2013
11-13 December 2013

| Time | Wednesday | Thursday | Friday |
|-------------|--|--|----------------------------|
| 9:00-9:30 | | <i>Registration</i> | |
| 9:30-10:00 | | Invited 01 | Invited 03 |
| 10:00-10:15 | | Oral 01 | Oral 15 |
| 10:15-10:30 | | Oral 02 | Oral 16 |
| 10:30-10:45 | | Oral 03 | Oral 17 |
| 10:45-11:00 | | Oral 04 | Oral 18 |
| 11:00-11:30 | | <i>COFFEE BREAK</i> | |
| 11:30-12:00 | | Invited 02 | Invited 04 |
| 12:00-12:15 | | Oral 05 | Oral 19 |
| 12:15-12:30 | | Oral 06 | Oral 20 |
| 12:30-12:45 | | Oral 07 | Oral 21 |
| 12:45-13:00 | | Oral 08 | Oral 22 |
| 13:00-15:30 | | <i>LUNCH</i> | |
| 15:30-15:45 | | Oral 09 | Oral 23 |
| 15:45-16:00 | <i>Free access to the Monastery of the Escorial for citizens of the European Union</i> | Oral 10 | Oral 24 |
| 16:00-16:15 | | Oral 11 | Oral 25 |
| 16:15-16:30 | | Oral 12 | Oral 26 |
| 16:30-16:45 | | <i>COFFEE BREAK</i> | |
| 16:45-17:00 | | Oral 13 | Invited 05 |
| 17:00-17:15 | Oral 14 | | |
| 17:15-17:30 | | | |
| 17:30-19:30 | | <i>Poster session & Spanish wine</i> | <i>Close of Conference</i> |
| 19:30-21:00 | <i>Registration</i> | <i>Scientific Committee Meeting</i> | |
| 21:00 | <i>DINNER</i> | | |

Invited 01: Ginestra Bianconi
Invited 02: Matteo Magnani
Invited 03: Jose Javier Ramasco
Invited 04: Susanna Manrubia
Invited 05: Stefano Boccaletti

ORAL PRESENTATIONS

| Sesion | Author | Title |
|---------------|---------------------------|--|
| Oral 01 | Joaquín J. Torres | <i>Stochastic multi-resonances in complex nets of spiking neurons</i> |
| Oral 02 | Aleksandra Bogojeska | <i>Consensus and Edge Correlation in Multiplex Networks</i> |
| Oral 03 | Juan Fernández | <i>Recurrent mobility networks and imperfect imitation shapes voting behavior</i> |
| Oral 04 | David Arroyo | <i>Coordination of complex dynamics by means of simple neural circuits</i> |
| Oral 05 | Werner Creixell | <i>Metabolic Networks Modeling and Community Detection</i> |
| Oral 06 | Francisco Pedroche | <i>Competitivity graphs analysis and structural comparison of rankings</i> |
| Oral 07 | Javier Borondo | <i>Meritocracy & Topocracy in the Age of Networks</i> |
| Oral 08 | Adrián Navas | <i>Explosive Synchronization in Complex Networks</i> |
| Oral 09 | Mohammad Komareji | <i>Controllability of a swarm of topologically interacting autonomous agents</i> |
| Oral 10 | Johann Heinz Martínez | <i>Evaluating Brain Resilience in Memory Ageing Based on Evolving Networks</i> |
| Oral 11 | Manisha Pujari | <i>Link prediction in multiplex bibliographical networks</i> |
| Oral 12 | Pedro J. Zufiria | <i>Controllability and Observability in Complex Networks</i> |
| Oral 13 | Victor Chapela | <i>Towards a Complex Networks' based Model for Intentional Technological Risk Analysis (I)</i> |
| Oral 14 | Regino Criado | <i>Towards a Complex Networks' based Model for Intentional Technological Risk Analysis (II)</i> |
| Oral 15 | Miguel Rebollo | <i>Consensus on Multiplex Network To Calculate User Influence in Social Networks</i> |
| Oral 16 | Alessandro Barardi | <i>Multiscale integration in a brain network model</i> |
| Oral 17 | Oriol Güell | <i>Essential plasticity and redundancy of metabolism unveiled by synthetic lethality analysis</i> |
| Oral 18 | J. Carlos González-Avella | <i>Emergence of communities in a coevolutionary networks</i> |
| Oral 19 | Francisco Prieto | <i>Optimized Sensor Networks Modeling Through a Semi-Markovian Predictive Model</i> |
| Oral 20 | Alfredo Morales | <i>Efficiency of human activity in retransmission processes on Twitter</i> |
| Oral 21 | Daniel de Santos | <i>Emergence of small-world anatomical networks in self-organizing clustered neuronal cultures</i> |
| Oral 22 | Roland Bouffanais | <i>Influence of the structure of the signaling network on swarm dynamics</i> |
| Oral 23 | Alicia de Los Santos | <i>Passenger flow connectivity in collective transportation line networks</i> |
| Oral 24 | Javier García-Algarra | <i>Dragging as a mechanism of destruction of mutualistic networks</i> |
| Oral 25 | Mary Luz Mouronte | <i>Analysis of chaos existence in European stock markets</i> |
| Oral 26 | Massimiliano Zanin | <i>Information Content: Beyond Modularity in Complex Networks</i> |