2nd International School on Informatics and Dynamics in Complex Networks

University of Catania, 10 -14 February 2020

Program at a glance

	Monday 10 february 2020	Tuesday 11 february 2020	Wednesday 12 february 2020	Thursday 13 february 2020	Friday 14 february 2020
9.00-10.30	B. Barzel	A. Rizzo	S. Boccaletti	M. De Domenico	A. Tagarelli
10.30-11.00	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*
11.00-12.30	B. Barzel	A. Rizzo	S. Boccaletti	M. De Domenico	A. Tagarelli
12.30-14.00	*Lunch break*	*Lunch break*	*Lunch break*	*Lunch break*	*Closing and lunch*
14.00-15.30	J. Gomez-Gardenes	Participant presentations	T. Peixoto	Participant presentations	
15.30-16.00	*Coffee break*	*Coffee break*	*Coffee break*	*Coffee break*	
16.00-17.30	J. Gomez-Gardenes	Participant presentations	T. Peixoto	Participant presentations	
17.30-18.30		Question time!		Question time!	
20.00-23.00				*Social dinner*	

<div align="center">**Detailed program**</div>

<u>**Monday 10 february 2020**</u>

8.30-9.00 *Welcome and registration of the participants*

9.00-10.30 Baruch Barzel - Introduction to complex networks

10.30-11.00 *Coffee break*

11.00-12.30 Baruch Barzel - Network GPS - navigating network dynamics

12.30-14.00 *Lunch break*

14.00-15.30 Jesus Gomez-Gardenes - Models of epidemic spreading

15.30-16.00 *Coffee break*

16.00-17.30 Jesus Gomez-Gardenes - Integrating mobility and epidemic spreading

<u>**Tuesday 11 february 2020**</u>

9.00-10.30 Alessandro Rizzo - Temporal and activity-driven networks

10.30-11.00 *Coffee break*

11.00-12.30 Alessandro Rizzo - Applications of activity-driven networks to epidemic spreading and social systems

12.30-14.00 *Lunch break*

14.00-15.30 Presentations by the school participants (session I)

15.30-16.00 *Coffee break*

16.00-17.30 Presentations by the school participants (session II)

17.30-18.30 Question time! (Free time for discussion between participants and speakers)

Wednesday 12 february 2020

9.00-10.30 Stefano Boccaletti - Synchronization in networks of dynamical units

10.30-11.00 *Coffee break*

11.00-12.30 Stefano Boccaletti - Explosive synchronization of networked oscillators

12.30-14.00 *Lunch break*

14.00-15.30 Tiago Peixoto - Inference of latent network structures

15.30-16.00 *Coffee break*

16.00-17.30 Tiago Peixoto - Network reconstruction from indirect data

Thursday 13 february 2020

9.00-10.30 Manlio De Domenico – Multilayer networks: Structure

10.30-11.00 *Coffee break*

11.00-12.30 Manlio De Domenico – Multilayer networks: Dynamics

12.30-14.00 *Lunch break*

14.00-15.30 Presentations by the school participants (session III)

15.30-16.00 *Coffee break*

16.00-17.30 Presentations by the school participants (session IV)

17.30-18.30 Question time! (Free time for discussion between participants and speakers)

20.00-23.00 *Social event: dinner together*

<u>Friday 14 february 2020</u>

9.00-10.30 Andrea Tagarelli – Influence propagation and maximization: concepts, models, and methods

10.30-11.00 *Coffee break*

11.00-12.30 Andrea Tagarelli – Influence propagation and maximization: advanced problems and results

12.30-13.00 *Closing ceremony (including best presentation award ceremony)*

13.00-14.00 *Lunch break*