

# Italy — South Africa joint Research Project - ISARP (2018 - 2020)



## Workshop on Algebraic Graph Theory and Complex Networks

*Faculty of Engineering, Scipione Bobbio Hall*

*University of Naples "Federico II"*

**Naples, September 13-14, 2018**

The aim of the Workshop is to review and discuss recent developments of the algebraic theory of Graphs and to provide a forum for fruitful interactions in closely related fields of research and its applications. Particular emphasis will be placed on novel ideas and promising research developments.

*Specific Topics of interest are:*

- Algebraic Combinatorics
- Algebraic Graph Theory
- Algorithms and Computing Techniques
- Combinatorial Optimization
- Design Theory
- Enumerative Combinatorics
- Extremal Combinatorics
- Finite Geometry
- Graph Theory
- Graph Spectra and Applications
- Linear Optimization
- Networks

### **Invited Speakers:**

- Sebastian Cioaba (University of Delaware)
- Alfredo Donno (Niccolò Cusano University)
- Andrea Rocchetto (University College London)
- Tommaso Traetta (University of Padova)
- Stephan Wagner (Stellenbosch University)

### **Organising Committee:**

Francesco Belardo (University of Naples Federico II)

Maurizio Brunetti (University of Naples Federico II)

Francesco G. Russo (University of Cape Town)

### **Administrative Office:**

Carmine Tesone (University of Naples Federico II)

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**Registration:** Participants to the Workshop should apply before August 31th, 2018.

Application and additional information about the Workshop can be found at the following address:

<http://www.dma.unina.it/WAGTCN>

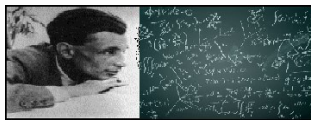
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