

# 11th IAPR - TC-15 Workshop on Graph-based Representations

May 16-18, 2017 - Anacapri, on the island of Capri (Italy)

## Call for papers

GbR is a biennial workshop organized by the 15th Technical Committee of IAPR, aimed at encouraging research works in Pattern Recognition and Image Analysis within the graph theory framework. This workshop series traditionally provides a forum for presenting and discussing research results and applications in the intersection of pattern recognition, image analysis on one side and graph theory on the other side. In addition, given the avenue of new structural/graphical models and structural criteria for solving computer vision problems, GbR2017 organization encourages researchers in this more general context to actively participate in the workshop. Furthermore, the application of graphs to pattern recognition problems in other fields like computational topology, graphic recognition systems and bioinformatics is also highly welcome at the workshop.

The proceedings of the workshop will be published in the Lecture Notes in Computer Science series.

### Topics

- Graph matching
- Graph-based image segmentation
- Irregular (graph) pyramids
- Graph representation of shapes
- Graph-based learning and clustering
- Data mining with graphs
- Graph distance and similarity measures
- Kernel methods for graphs
- Graph embeddings
- Belief-propagation methods
- Graph-cuts methods
- Graphs in computational topology and bioinformatics
- Graphs in social network analysis

### **General Chairs**

Pasquale Foggia, University of Salerno, Italy
Cheng-Lin Liu, Institute of Automation of
Chinese Academy of Sciences, China
Mario Vento, University of Salerno, Italy

#### **Important Dates**

- Paper submission January 8, 2017 extended to January 22, 2017
- Notification of acceptance February 20, 2017
- Camera Ready March 6, 2017
- Early registration March 6, 2017
- Workshop May 16-18, 2017

### For more information

• Web: http://gbr2017.unisa.it/site



