13th IAPR-TC15 International Workshop on

Graph-Based Representations in Pattern Recognition

September 6 – 8, 2023 - Lloyd's Baia Hotel, Vietri sul Mare (Salerno, 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, GbR2023 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 by Springer in the Lecture Notes in Computer Science series. A special issue on the topics of the workshop will be published on the Pattern Recognition Letters journals. Workshop participants will be invited to submit an extended version of their papers to the special issue.

Topics
- Graph-based methodologies for pattern recognition
- Graph representation of images and shapes
- Graph neural networks
- Graph matching and classification
- Graph distance and similarity measures
- Graph-based learning and clustering
- Graph kernels and graph embeddings
- Graphs in bioinformatics
- Graph in social network analysis
- Other graph-based applications in pattern recognition

General Chairs
- **Mario Vento**, University of Salerno (Italy)
- **Pasquale Foggia**, University of Salerno (Italy)
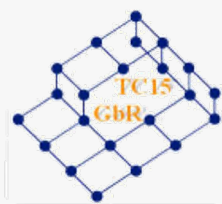- **Donatello Conte**, Université de Tours (France)

Important Dates
- Paper submission deadline: **April 14, 2023**
- Notification of acceptance: **June 2, 2023**
- Camera Ready: **July 7, 2023**
- Early Registration: **June 30, 2023**
- Workshop: **September 6-8, 2023**

For more information
- **Web**: https://iapr.org/gbr2023