



## Call for papers

### GbR'2019

#### IAPR-TC15 Workshop on Graph-based Representations in Pattern Recognition

June 19-21, 2019 – Tours, France

<https://gbr2019.sciencesconf.org>

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Jean-Yves Ramel (Université de Tours)  
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#### Motivations and topics

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, this edition encourages researchers in this more general context to actively participate in the workshop. The 12th edition of GbR will be held in Tours, France in June 2019. Tours city is the capital of the Loire Valley (UNESCO World Heritage site) also known as “the garden of France”.

The scope of GbR2019 includes, but is not limited to, the following topics:

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

#### Important dates

- Regular paper submission: 12<sup>th</sup> December 2018
- Notification of acceptance: 1<sup>st</sup> February 2019
- Camera ready due: 15<sup>th</sup> March 2019
- Early Registration deadline: 15<sup>th</sup> March 2019

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