ICPR 2018 Workshop on
Reproducible Research in Pattern Recognition
Beijing, China
20 August 2018
joint with ICPR 2018
https://rrpr2018.sciencesconf.org

Special Focus on Digital Geometry & Mathematical Morphology

Important dates

- Submission deadline: 28 May 2018
- Author notification: 6 July 2018
- Camera-ready: 16 July 2018
- Reproducible Label of ICPR papers: 28 May (May 11 if you want include the label inside your camera-ready paper, see details below).

Aim

Following the success of the first Reproducible Research on Pattern Recognition workshop that was held at the previous ICPR event in 2016, we propose the second edition in the same spirit as the previous event with a special focus on Digital Geometry and Mathematical Morphology. As for the previous edition, it is intended as both a short participative course on the RR aspects, leading to open discussions with the participants, or also as a practical workshop on how to actually perform RR.

Call for Papers

This Call for Papers expects two kinds of contributions.

The first (Track 1 on RR Framework) is dedicated to the general topics of Reproducible Research in Computer Science with a potential link to Image Processing and Pattern Recognition. Papers describing experiences, frameworks or platforms are welcome. The contributions might also include discussions on software libraries, experiences highlighting how the works benefit from Reproducible Research.

In the second kind of contributions (Track 2 on RR Results), authors will be invited to describe their works in terms of Reproducible Research. For example, authors of papers already accepted to ICPR might propose a companion paper describing the quality of the reproducible aspects. In particular the papers of this track can focus mainly (but not limited) for instance on:

- Algorithmic implementation details
- Link to implementation with source code given by the authors (for example, a link to GitHub or to the website of the author).
- Influence of parameter(s) for the result quality (criteria to optimize them).
- Integration of source code in an other framework
- Known limitations (or difficult cases)
- Future improvements
- Installation procedure

For this track, the topics can overlap with the main topics of the ICPR tracks:

- Discrete Geometry and Mathematical Morphology
- Pattern Recognition and Machine Learning
- Computer Vision and Robot Vision
- Image, Speech, Signal, and Video Processing
- Document Analysis, Biometrics, and Pattern Recognition Applications
- Biomedical Image Analysis and Applications

Submissions and General Informations

The submission format should follow the LNCS Springer layout with length from 6 to 14 pages (extra pages can be requested if needed). The peer-review process will be blind. We encourage to submit Supplementary Materials (such as source code or datasets) with the submission in order to achieve reproducibility.
The submitted papers should contain original and high quality works. For submissions describing reproducible research results, authors can base their contribution by referencing some previous work (such as an accepted ICPR paper) and by focusing on its reproducible content: algorithms, implementation details, links to source code and potential demonstrations. For this last type of paper a special "Reproducible Label" will be awarded by the committee according to the material provided by the authors.
All papers will be reviewed by at least two reviewers.

Proceedings

The conference proceedings will be published by Springer in the Lecture Notes in Computer Science Series (LNCS) as post-proceedings.

Reproducible Label

The RRPR committee announces the "Reproducible Label in Pattern Recognition" in order to highlight the reproducible aspects of the RRPR and ICPR works.
All authors of papers already accepted to ICPR can apply. See more details here: https://rrpr2018.sciencesconf.org/resource/page/id/5

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