

ICPR 2016 Workshop on  
Reproducible Research in Pattern Recognition  
Cancún, México  
4 December 2016  
joint with ICPR 2016  
<https://wrrpr2016.sciencesconf.org>

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## Important dates

- Submission deadline: 31 August 2016
- Author notification: 25 September 2016
- Camera-ready: 1 October 2016

## Aim

This workshop aims to give an overview of Reproducible Research (RR) for authors, with a special focus on Pattern Recognition algorithms. It is intended as both a participative short course on the basis of RR with open discussions with the attendants, and also as a practical workshop on how to do actual RR with presentations on recent RR results. Some existing platforms and tools to do RR will be presented, and invited guest speakers will explain how their platform and journal work.

## Call for Papers

This Call for Papers expects two kinds of contributions.

The first one (**Track 1 on RR Framework**) is dedicated to the general topic 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 their work benefits from Reproducible Research.

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

- Implementation details of the algorithms
- Link of algorithms with source code given by the authors
- Potential parameter influence for the result quality (criteria to choose them)
- Integrating source code in other framework
- Potential known limitations (or difficult cases)
- Future improvements
- Link to installation procedure.

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

- 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

Among the accepted contributions, a set of selected papers will be proposed to be published in a Special Issue of the [IPOL \(http://www.ipol.im/\)](http://www.ipol.im/) journal.

## Submissions and General Information

The submission format should follow the LNCS Springer layout with length from 6 to 12 pages (extra pages can be requested if needed). The peer-review process will be blind. The submitted papers should contain new original and high quality work.

All papers will be reviewed by at least two referees. They will evaluate not only the article's text, but also check that the source code is correct and matches exactly what is described in the text. All relevant supplementary materials will be reviewed too, such as the scripts used to generate the figures and numerical results shown in the article.

### Submission to track 2 (RR results)

For submissions describing a reproducible research result (**Track 2 on RR Results**), authors can base their contribution by referencing a previous work (like just accepted ICPR paper) and by focusing on its reproducibility contents: algorithms, implementation details, links to source code and potential demonstrations. In the case of the submitted contribution is associated to an ICPR paper, a **Reproducible Label** will be awarded by the Scientific Committee if the submitted RR papers associated to the source code allows to reproduce the results presented in the previous ICPR paper (resulting figures, images and/or numeric results).

## Proceedings

The conference proceedings will be published by HAL or by Springer in the Lecture Notes in Computer Science Series (LNCS).

## Organisation Committee

- Miguel Colom: CNRS, CMLA, ENS Cachan, (colom@cmla.ens-cachan.fr)
- Bertrand Kerautret: CNRS, LORIA, Université de Lorraine, (bertrand.kerautret@loria.fr)
- Pascal Monasse: LIGM, CNRS, École des Ponts ParisTech, (monasse@imagine.enpc.fr)
- Jean-Michel Morel: CMLA, ENS Cachan, (morel@cmla.ens-cachan.fr)

## Contact

wrrpr2016@sciencesconf.org