Preface of the proceedings of the First International Workshop on Reproducible Research in Pattern Recognition, RRPR 2016

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Preface

This volume contains the papers presented at the 1st workshop on Reproducible Research in Pattern Recognition (RRPR 2016) held on December 3, 2016 in Cancún. This workshop aims to give an overview of Reproducible Research (RR) for authors, with a special focus on Pattern Recognition algorithms. The call for papers was organized into two main tracks: RR Frameworks and RR Results. The first track was dedicated to the general topic of Reproducible Research in Computer Science with papers describing experiences, frameworks, and platforms. The second track focus on the description of previous works in terms of Reproducible Research. The latter track contained ICPR companion papers describing their quality of Reproducible Research. A total of 16 submissions were received with 8 papers submitted to track 1 of RR Framework, 6 papers to track 2 of RR Results and 2 papers associated to the invited talks. After a reviewing process including mostly 3 reviewers per paper, 6 papers were accepted as oral presentations and 4 as poster.

The different topics of the workshop were equitably represented with 6 presentations for the RR Framework track and 5 presentations for the RR Result track. Two invited presentations were given during the workshop. The first one was a presentation of the Image Processing On Line journal (IPOL) presented by Pascal Monasse in a common work with Miguel Colom. The second invited talk was given by Daniel Lopresti and Bart Lamiroy with a presentation of the DAE platform in the context of Reproducible Research. The number of attendees were around thirty.

For its first edition, the RRPR committee introduces the "Reproducible Label in Pattern Recognition" in order to highlight the reproducible aspects of the RRPR and ICPR works. The work of the authors who obtained the Reproducible label is archived and publicly available in the GitHub account of the organizing committee, https://github.com/RLPR. Finally a selection of papers will be invited to an RRPR IPOL special issue (www.ipol.im).

We are pleased that RRPR received, for its first edition, the endorsement of the International Association of Pattern Recognition (IAPR). We would like to thank this association, all contributors, invited speakers, and the scientific committee allowing high quality works including papers, algorithms and source code reviews. We express also our gratitude to the ICPR 2016 committees and in particular to the ICPR Worskshop chairs: Prof. Humberto Sossa Azuela, Prof. Markus Vincze, and Prof. Hugues Talbot. We also thank the Springer Computer Sciences editorial board, with its vice president Alfred Hofmann, allowing us to be published as LNCS volume. Finally we also thank Jean-Michel Morel to support our initiative and Audrey Bichet of the MMI departement of Saint Dié-des-Vosges to design the logo and the poster of this workshop.

February 10, 2017   Bertrand Kerautret
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