

Editorial

This volume of the *Research in Computing Science* journal (RCS) contains original selected contributions related to the field of Pattern Recognition theory, principles and applications.

Members of a Technical committee evaluated the contributions published in this volume. In particular, the topics covered by the seven contributions published in this issue are: Computer Vision, Bio-signal Analysis, Knowledge graphs, Deep Learning, Navigation Systems, Bioinformatics, and Classification. The first contribution proposes a method to integrate environmental and physiological data through Knowledge graphs in the context of thermal comfort; the second and fourth papers present a general overview of existing methods about speech separation based on Deep Learning and navigation systems for bipedal robots, respectively. The third contribution proposes an algorithm to solve the problem of hepatitis C classification through heuristic search; approaches based on Computer Vision for detecting bumps and obstacles in self-driving environments are proposed in the fifth and sixth papers. Finally, the last contribution reports results related to a detailed experimentation for determining fundamental parameters in the field of EEG signal analysis.

We cordially thank to the RCS editorial board for allow us the opportunity of publishing this volume; in addition, we thank to our reviewing committee for their valuable participation and to authors for their submitted contributions to build this volume.

Finally, we hope the contributions in this volume will be useful to the reader interested in the field and topics previously described.

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Guest Editors

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