Preface

Welcome to the proceedings of the 2018 edition of the Brazilian Conference on Intelligent Systems (BRACIS 2018)!

BRACIS aims at promoting theory, methodology, and application of artificial and computational intelligence. The yearly event series, sponsored by the Brazilian Computer Society (SBC), started in 2012 as a combination of the Brazilian Symposium on Artificial Intelligence (21 editions) and the Brazilian Symposium on Neural Network (12 editions). In 2018, BRACIS was held together with the Encontro Nacional de Inteligência Artificial e Computacional (ENIAC – National Meeting on Artificial and Computational Intelligence), the Concurso de Teses e Dissertações em Inteligência Artificial e Computacional (CTDIAC – Artificial and Computational Intelligence Dissertation Competition), and the Symposium on Knowledge Discovery, Mining and Learning (KDMiLe).

This volume contains all papers that were accepted for BRACIS 2018, held in São Paulo, Brazil, from October 22 to 25. Papers in this volume were subjected to a rigorous review process; 212 papers were submitted to BRACIS and each was peer-reviewed by three or more reviewers under the supervision of the program chairs. A total of 96 papers were accepted for inclusion in the conference program; all the accepted papers were presented orally. We are very grateful to program committee members and reviewers for their diligent efforts.

We would like to express our gratitude to all the authors who submitted their work, to the Invited Speakers, as well as to all the participants of BRACIS 2018. Finally, we are most grateful to all sponsors for financial support, and to IBM Research – Brazil for hosting the conference.

We are confident that these proceedings are very stimulating, sharing technical ideas and perspectives with colleagues from around the world.

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