

# Preface

This volume contains the papers presented at the Thirty-First International Florida Artificial Intelligence Research Society Conference (FLAIRS-31) held May 21–23, 2018, in Melbourne, Florida, USA. The call for papers attracted 150 paper submissions (61 to the general conference and 89 to the special tracks), and 27 poster abstracts. Special tracks are a vital part of the FLAIRS conferences, with 13 advertised, 12 with accepted papers.

All papers were reviewed by at least three reviewers, and were coordinated by the program committees of the general conference and the special tracks. The accepted submissions include 70 full papers (24 from the general conference and 46 from the special tracks), 34 short papers presented as posters (16 from the general conference and 18 from the special tracks), and 27 poster abstracts, 25 of which were accepted and appear in these proceedings.

Our General Conference Invited Keynote Speakers are Rina Dechter (University of California at Irvine, USA), Raymond Mooney (University of Texas at Austin, USA), and Peter Wurman (VP of Engineering at Cogitai). In addition, our Special Track Invited Speakers are Santiago Ontañón (Drexel University), Lewis Frey (Hollings Cancer Center), and Kallirroi Georgila (USC/ICT).

Thanks go to the authors of both accepted and rejected papers and abstracts, the special track coordinator Roman Barták and all the special track organizers, the program committees and their reviewers, the invited speakers, Zdravko Markov for organizing and administering the conference, the Florida Artificial International Research Society for maintaining the conference series, the Association for the Advancement of Artificial Intelligence for its cooperation with the conference, Mike Hamilton for organizing the publication of the proceedings, and EasyChair for hosting the review process.

– Keith Brawner & Vasile Rus  
FLAIRS-31 Program Chairs