

Preface

This volume contains the papers that were to be presented at the Thirty-fourth International Florida Artificial Intelligence Research Society Conference (FLAIRS-34) May 16-19, 2021, in North Miami Beach, Florida, USA. After having to cancel FLAIRS-33, we are proud to make FLAIRS-34 available in a hybrid format to attendees. The call for papers attracted 188 paper submissions (69 to the general conference and 119 to the special tracks), and 14 poster abstracts. Special tracks are a vital part of the FLAIRS conferences, with 12 advertised, 11 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 73 full papers (28 from the general conference and 45 from the special tracks), 44 short papers presented as posters (13 from the general conference and 31 from the special tracks), and 14 poster abstracts, 14 of which were accepted and appear in these proceedings.

Our General Conference Invited Keynote Speakers were Susan Etlinger (Organizational Models for Responsible AI), Dr. Lawrence Hall (Deep Learned Models from Medical Images: Successes and Big Challenges), and Dr. Michael Van Lent (Applications and Challenges in Artificial Intelligence for National Defense)

Thanks go to the authors of all submitted papers and abstracts, the special track coordinator Michael Franklin and all the special track organizers, the program committees and their reviewers, the invited speakers, Keith Brawner for organizing and administering the conference, Roman Barták for many behind the scenes efforts, Jade Sutcliffe for assistance with physical and virtual registrations, the Florida Artificial International Research Society for maintaining the conference series, Florida OJ for organizing and providing the publication of the proceedings, Bonnie Dorr and Chelsea Johnston for special assistance with the camera ready publication process, and EasyChair for hosting the review process.

*Eric Bell & Fazel Keshtkar
FLAIRS-34 Program Chairs*