Preface

This volume contains the papers presented at the Twenty-Fifth International Florida Artificial Intelligence Research Society Conference (FLAIRS-25) held May 23-25, 2012, in Marco Island, Florida, USA. The call for papers attracted 151 submissions, 57 to the general conference (including 23 poster abstracts) and 94 to the special tracks. Special tracks are a vital part of the FLAIRS conferences, with 11 held at FLAIRS-25. Over 90 percent of the papers were reviewed by four or more reviewers, and all papers were reviewed by at least three. These were coordinated by the program committees of the general conference and the special tracks. The accepted submissions include 74 full papers (19 from the general conference and 55 from the special tracks), 27 short papers presented as posters (6 from the general conference and 21 from the special tracks), and 20 poster abstracts that appear in these proceedings.

The program included five invited talks: Bill Swartout, the Director of Technology and Research Professor at the University of Southern California's Institute for Creative Technologies (ICT), presented "Virtual Humans: A New Metaphor for Interacting with Computers"; Danielle S. McNamara, Professor of Psychology and Senior Scientist at Arizona State University's Learning Sciences Institute, presented "Cognitive Load, Immersive Games, ITS, Gamification: Do Theoretical Blinders Stymie Progress in the World of Instructional Technology?"; Kanna Rajan, Principle Researcher for Autonomy at the Monterey Bay Aquarium Research Institute (MBARI), presented "Exploring the Deep: Inference-based Robotic Exploration of the Coastal Ocean"; from the Applied Natural Langauge Processing Special Track Philip M. McCarthy, Assistant Professor at The University of Memphis and Director of Linguistics at Decooda, presented "The Devil is in the Details: New Directions in Deception Analysis"; and from the Intelligent Tutoring Systems Special Track Neil T. Heffernan III, Associate Professor of Computer Science at Worcester Polytechnic Institute, presented "Educational Data Mining, Bayesian Networks and ASSISTments."

Thanks go to the authors of both accepted and rejected papers; the special track coordinator Chutima Boonthum-Denecke and all the special track organizers; the program committees and their reviewers; the invited speakers; Chad Lane for organizing the conference; Jean Gerber for 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.

−G. Michael Youngblood
& Philip M. McCarthy
FLAIRS-25 Program Chairs