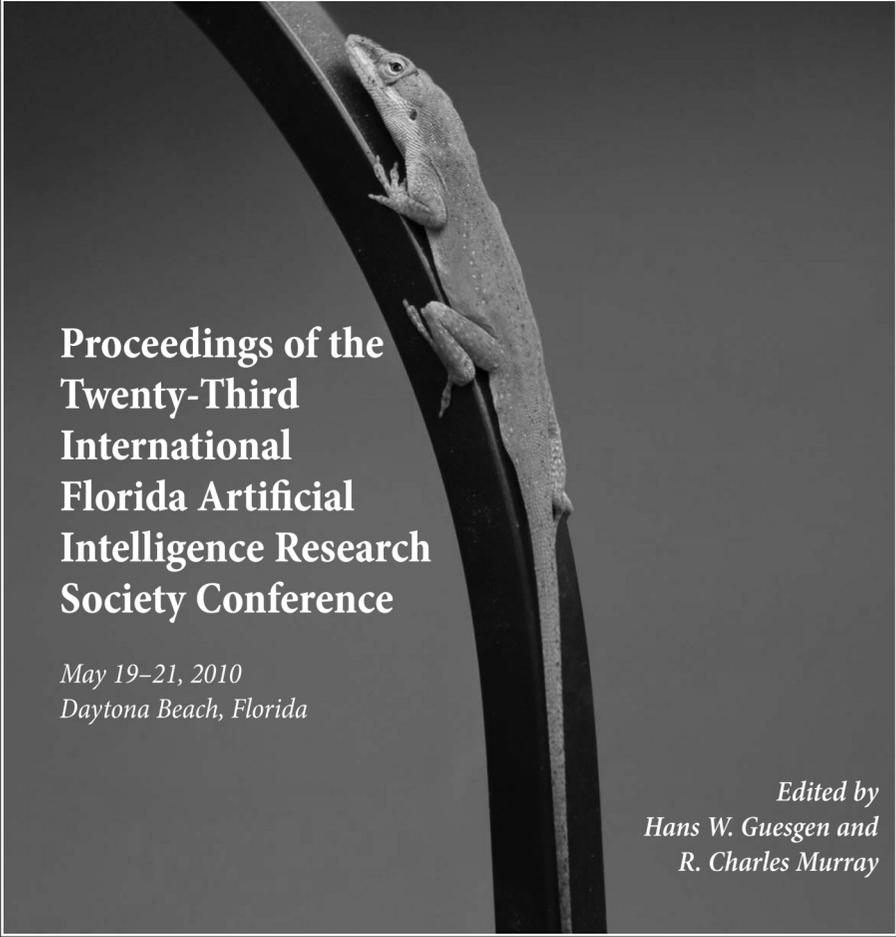# Report on the Twenty-Third International Florida Artificial Intelligence Research Society Conference (FLAIRS-23)

*R. Charles Murray and Hans W. Guesgen*

■ *The 23rd International Florida Artificial Intelligence Research Society Conference (FLAIRS-23) was held May 19–21, 2010, at the Shores Resort and Spa in Daytona Beach Shores, Florida, USA. The conference featured an exciting lineup of invited speakers, a general conference track on artificial intelligence research, and numerous special tracks. The conference chair was David Wilson from the University of North Carolina at Charlotte. The program cochairs were R. Charles Murray from Carnegie Learning and Hans W. Guesgen from Massey University in New Zealand. The special tracks coordinator was Philip McCarthy from the University of Memphis.*

Conference participants gathered from 20 countries, with a majority from the USA and significant numbers from Canada, France, Mexico, Ireland, Japan, Germany, Spain, and the Czech Republic. The special tracks were AI, Cognitive Semantics, and Computational Linguistics: New Perspectives; Applied Natural Language Processing; Artificial Intelligence Education; Case-Based Reasoning; Cognition and AI: Capturing Cognitive Plausibility and Informing Psychological Processes; Data Mining; Games and Entertainment; Intelligent Tutoring Systems; and Uncertain Reasoning.

A total of 170 submissions were received, of which 112 were to the special tracks and 58 were to the general conference. Of these, 83 (49 percent) were accepted as full papers and 28 (16 percent) were accepted as posters for an overall acceptance rate of 65 percent. The Best Paper award went to Sidney D'Mello, Blair Lehman, and Natalie Person for "Expert Tutors' Feedback Is Immediate, Direct, and Discriminating" in the special track on Intelligent Tutoring Systems. The Best Student Paper award went to Rong Hu, Brian Mac Namee, and Sarah Jane Delany for "Off to a Good Start: Using Clustering to Select the Initial Training Set in Active Learning" in the general conference. The Best Poster award went to Robert Holder for "Problem Space Analysis for Library Generation and Algorithm Selection in Real-Time Systems" in the general conference.

Proceedings of the
Twenty-Third
International
Florida Artificial
Intelligence Research
Society Conference

*May 19–21, 2010*
*Daytona Beach, Florida*

*Edited by*
*Hans W. Guesgen and*
*R. Charles Murray*

*Available now from AAAI Press*

*www.aaai.org/Press/Proceedings/flairs10.php*

In addition to a diverse assortment of papers and posters presented at the conference, FLAIRS-23 featured an excellent set of keynote speakers. The general conference invited speakers were Eugene Charniak of Brown University, presenting "Cognitively Plausible Parsing"; Herbert H. Clark of Stanford University, who presented "Rational Ways of Talking"; and Janet L. Kolodner of the Georgia Institute of Technology, who presented "How Can We Help People Develop Their Creativity?" The special track invited speakers were Anthony Cohn of the University of Leeds, presenting "A Qualitative Spatiotemporal Approach to Activity Recognition and Object Classification"; Jean-Pierre Desclés of the Université de Paris-Sorbonne, who presented "Reasoning in Natural Language Using Combinatory Logic and Topology"; Sidney D'Mello of the University of Memphis, who presented "Emotion Detection and Emotionally Sensitive Computer Tutoring"; Dany Guevara of Electronic Arts, who presented "How AI Is Applied to Commercial Games"; and David Poole of the University of British Columbia, who presented "What Should the World-Wide Mind Believe? Knowledge and Uncertainty at a Global Scale."

The 24th International FLAIRS Conference (FLAIRS-24) will be held May 18–20, 2011, in Palm Beach, Florida, USA. Information about FLAIRS-24, including the call for papers, is available online at www.flairs-24.info.

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