

# Special Track on Case-Based Reasoning at The 30<sup>th</sup> International FLAIRS Conference

In cooperation with the  
Association for the Advancement of Artificial Intelligence  
Marco Island, Florida, USA  
May 22-24, 2017

Paper submission deadline: November 21, 2016  
Poster abstract submission deadline: February 6, 2017  
Paper acceptance notification: January 23, 2017  
Poster abstract acceptance notification: February 13, 2017  
Camera ready version due: February 27, 2017



**All accepted papers will be published in the FLAIRS proceedings by the AAI.**

## Call for Papers

### What is the goal of the track?

This track is intended to gather AI researchers and practitioners with an interest in CBR and related fields to present and discuss developments in CBR theory and application as well as possibilities for collaboration, integration, and sharing of ideas, experience, and best practices between the CBR community and other AI research communities.

### Who might be interested?

AI researchers and practitioners with an interest in CBR and related research areas.

We are actively seeking submissions that can help create or (re)strengthen connections with research communities whose interests overlap with those of the CBR community, including Computational Analogy, Computational Creativity, Goal Reasoning, Cognitive Systems, and Game AI.

We **strongly encourage** you to contact us (Alexandra and Joey, the Special Track co-chairs, our contact information is provided below) if you are considering submitting to this track and would like our feedback regarding the relevance of your proposed topic(s)!

### What topics will be of interest?

Papers and contributions are encouraged for any work relating to CBR. Topics of interest may include (but are in no way limited to):

- ◆ Foundations of CBR
- ◆ Methods for CBR (e.g., representation, indexing, retrieval, adaptation)
- ◆ CBR Integrations
- ◆ Case-Based Planning
- ◆ CBR and Games

- ◆ Evaluation Methods for CBR
- ◆ Practical Applications of CBR
- ◆ Textual CBR
- ◆ CBR and Creativity
- ◆ CBR and Design
- ◆ Distributed CBR
- ◆ Case Base Maintenance
- ◆ CBR in the Health Sciences
- ◆ CBR and Recommender Systems
- ◆ CBR Tools and Methodologies
- ◆ Case-based Agents
- ◆ Reasoning about Time in CBR
- ◆ Process-Oriented CBR
- ◆ CBR and Knowledge Discovery
- ◆ CBR and Cognitive Systems
- ◆ Computational Analogy

Note: We invite **original** papers (i.e. work not submitted to other conferences prior to or during the FLAIRS CBR Special Track reviewing process).

### **Conference Proceedings**

Papers will be refereed and all accepted papers will appear in the conference proceedings, which will be published by AAAI Press.

### **Submission Guidelines**

Interested authors should format their papers according to the [AAAI formatting guidelines](#). The papers should be original work (i.e. work not submitted to other conferences prior to or during the FLAIRS CBR Special Track reviewing process).

We accept the following types of submissions: (1) full papers for oral presentation (up to 6 pages), (2) short papers for poster presentation (up to 4 pages), and (3) poster abstracts (up to 250 words). Rejected full paper submissions may be accepted as short papers.

**Paper** submissions are due by **November 21, 2016**.

**Poster abstract** submissions are due by **February 6, 2017**.

The reviewing is a double-blind process. Fake author names and affiliations must be used on submitted papers to provide double-blind reviewing.

Papers must be submitted as PDF through the EasyChair conference system, which can be accessed through the main conference web site (<http://www.flairs-30.info/>).

**The proceedings of FLAIRS will be published by the AAAI.** Authors of accepted papers will be required to sign a form transferring copyright of their contribution to AAAI. FLAIRS requires that there be **at least one full author registration per paper**.

### **Program Committee:**

Ralph Bergmann

Vahid Jalali

Joe Blass

David Leake

Sarah Jane Delany

Stefania Montani

Michael Floyd

Santiago Ontanon

Mehmet Goker

Rosina Weber

Pedro Gonzalez

David Wilson

### **Organizing Committee**

Alexandra Coman, NRC/NRL, USA –

[firstname] [dot] [lastname] [dot] ctr [dot] ro [at] nrl [dot] navy [dot] mil

Joseph Kendall-Morwick, University of Central Missouri, USA –

kendallmorwick [at] ucmo [dot] edu

Questions regarding the CBR Special Track are strongly encouraged and should be addressed to any member of the organizing committee.

### **Conference Web Sites**

Paper submission site: follow the link for submissions at <http://www.flairs-30.info/>

CBR track website: <http://flairs30-cbr.kendall-morwick.info/>

FLAIRS-30 conference web page: <http://www.flairs-30.info/>

Florida AI Research Society (FLAIRS): <http://www.flairs.com>