

CAF 2012 – September 26 – 28, 2012, in Villach, Austria

Fifth Special Track on

Computer-based Knowledge & Skill Assessment and Feedback in Learning Settings (CAF)

<http://www.iicm.edu/CAF2012>

This special track will take place during ICL 2012 in Villach, Austria (26 - 28 September 2012) as a special programme item.

The Special Track CAF 2012 provides an interdisciplinary forum for international scientists and practitioners to discuss various aspects of computer-based knowledge & skill assessment in learning settings and based on that feedback provision for students and teachers. This year CAF is organized in cooperation with the European funded project ALICE (Adaptive Learning via Intuitive/Interactive, Collaborative and Emotional System), <http://www.aliceproject.eu>.

The *International Conference on Interactive Computer aided Learning (ICL)* is an interdisciplinary conference which aims to focus on the exchange of relevant trends and research results as well as the presentation of practical experiences in interactive computer aided learning.

Background

Our modern life at the beginning of the 21st century is strongly influenced by effects such as rapidly changing and developing information, technology-enhanced communication and information access, and new forms of production and services in a globalized world. This situation requires individuals to adapt their skills and competencies. Consequently, educational objectives and societal expectations have changed significantly in recent years. Modern learning settings must consider learning community aspects as well as learner-centered, knowledge-centered and assessment-centered aspects.

By focusing on the assessment, this concept can be further distinguished in (1) summative assessment, performed at the end of a set of learning activities, and (2) formative assessment, which is intended to give continuous feedback to students and teachers. The latter mentioned formative assessment gives information about the current state of knowledge and/or the degree of knowledge acquisition within learning activities.

Assessment is an important component of modern teaching and learning processes in face-to-face courses as well as in e-learning environments; it provides valuable feedback to teachers and students which allows the revision and adaptation of teaching and learning activities. Furthermore, assessment activities and results can also be utilized for building and strengthening metacognitive skills. However, continuous and frequent assessment in learning processes may cause excessive efforts and costs. Therefore, computer-assisted assessment systems (CaAS) and computer-based assessment systems (CbAS) have become of increasing interest over the years. Assessment systems may support parts or the entire chain of the assessment lifecycle. This lifecycle includes authoring and management of assessment items, compilation of specific tests, performance of assessments, and compilation and management results. Additionally, emerging interest in the sharing and re-use of assessment items or compiled assessment tests and the exchangeability of assessment outcomes has resulted in standardization efforts, such as the IMS Question & Test Interoperability Specification (IMS QTI).

The special track will bring together international researchers as well as practitioners from different organisations who will have plenty of time for networking and real-world knowledge sharing.

CAF is interested in novel scientific research, findings from experiments and results from real-life applications. We invite submissions that deal with issues including, but not limited to:

- Aspects of formative and summative assessment
- History and challenges of e-assessment
- Computer-supported assessment rubric
- Computer-based knowledge & skill assessment for individuals and groups
- Computer-supported peer assessment for individuals and groups
- Computer-supported self-assessment and group assessment
- Computer-based student and teacher feedback about knowledge state and acquisition
- Computer-based assessment in adaptive e-learning
- Web 2.0 and assessment & feedback for individual and group learning
- Assessment in Immersive Educational Environments
- Automated essay grading
- Natural short answer assessment

- Assessment and feedback in computer-based simulations
- Assessment and feedback in game-based learning settings
- Test & training data and evaluation procedures
- Reuse, Interoperability and Standardization
- Security and Privacy

Important Dates

- 23 April 2012: Submission of full papers (8 pages)
- 28 May 2012: Notification of acceptance
- 31 Aug. 2012: Camera ready version (8 pages)
- 26.-28. Sept. 2012: ICL Conference in Villach, Austria

Submission Procedure

File Types: Word for Windows

Language: English (British or US)

Style Guides & Template: <http://www.icl-conference.org/template.doc>

Paper Submission System: Please use the Electronic Submission Page <http://www.conftool.com/icl-conference/>

In case of problems or questions concerning the submission of papers, please contact the track chairs at CAF2012@iicm.edu

Notification of Acceptance and Publishing

Accepted papers will be published within the ICL conference proceedings. At least one author has to register within 2 weeks after the notification of acceptance to be included into the conference programme (11. June 2012). Authors fee is applicable only once per paper!

Some authors will be invited to submit extended versions of their paper for publication in the "European Journal of Open and Distance Learning" (EURODL) or the "International Journal of Emerging Technologies in Learning" (iJET).

CAF 2012 Chairs

Christian Gütl, Graz University of Technology, Austria & Curtin University, Western Australia

Mohammad Smadi, Graz University of Technology, Austria

Gudrun Wesiak, Graz University of Technology, Austria & University Graz, Austria

CAF 2012 Organization team

Isabella Pichlmair, Graz University of Technology, Austria & University Graz, Austria

Johanna Pirker, Graz University of Technology, Austria & MIT, USA

CAF 2012 Program Committee (tentative)

- Dietrich Albert, University of Graz, Austria
- Ezendu Ariwa, London Metropolitan University, UK
- Manuel Castro, Universidad Nacional de Educación a Distancia, Spain
- Carlos Delgado Kloos, Universidad Carlos III de Madrid, Spain
- Peter Dolog, Aalborg University, Denmark
- Heinz Dreher, Curtin University, Australia
- Baltasar Fernández-Manjón, Complutense University of Madrid, Spain
- Michael Granitzer, University of Passau, Germany
- Margit Höfler, Graz University, Austria
- Ralf Klamma, RWTH Aachen University, Germany
- Narayanan Kulathuramaiyer, University Malaysia Sarawak, Malaysia
- Stephanie Linek, Leibniz Information Centre for Economics, Germany
- Peter Reimann, University of Sydney, Australia
- Sandra Schön, Salzburg Research Forschungsgesellschaft, Austria

- Marcus Specht, Open University of the Netherlands, Netherlands
- Benno Stein, Bauhaus-Universität Weimar, Germany
- Daniela Tuparov, South Western University, Bulgarian
- SylviaWong, Aston University, UK

Further Information:

- Information about ICL 2012: <http://www.icl-conference.org/icl2012/>
- Travel Information: <http://www.icl-conference.org/icl2012/accom.htm>
- Tourist Informaton: <http://www.villach.at/inhalt/englisch/7682.htm>