

Second Central- and Eastern European Conference on Computer Algebra- and Dynamic Geometry Systems in Mathematics Education

11-13 July, 2009 RISC, Linz (Castle of Hagenberg), Austria

First Announcement

Welcome

After a successful conference held at the University of Pecs in Hungary in June 2007 we are delighted to announce that the CADGME conference continues. Professor Bruno Buchberger and his team at RISC volunteered to host the conference this year in the beautifully located Castle of Hagenberg. As for the first CADGME conference we want to create a forum for Central- and Eastern- European colleagues, and for all interested academics from around the globe to exchange ideas and nurture collaboration. We hope that you will join us in Hagenberg in July 2009. We are also pleased to announce that the first International GeoGebra conference will be held right after CADGME-2009 (14-15 July).

Keynote speakers

Paul Andrews (University of Cambridge, UK)
Bruno Buchberger (RISC, University of Linz, Austria)
André Heck (University of Amsterdam, Netherlands)
Jozef Hvorecký (City University Bellevue, Bratislava, Slovakia)

Call for papers

The aim of the conference is to continue offering a forum for academics in Central- and Eastern Europe in order to share their experiences and practices with technology-assisted mathematics teaching with colleagues from all around the world. Hence, we kindly invite colleagues - everyone from everywhere - to participate and contribute to the conference.

How to contribute

Contributed talks

The talks will be given in parallel sessions; the length is 30 minutes including discussion.

Posters

Research results can be presented on posters; there will be time allocated to discuss posters.

Working groups

Talks will be organized around topics (proposed list is below). We welcome proposals (max 500 words) of working groups by 15 February, 2009 in which participants can contribute talks/papers. In working group sessions plenty of time will be allocated for in-depth discussion of talks/papers.

Workshops

We encourage participants and software developers to organize workshops. Proposals (max 500 words) should be submitted by 15 February, 2009 computer rooms will be provided if requested, the time limit is 1.5 hour per workshop.

Website: <http://www.risc.uni-linz.ac.at/about/conferences/cadgme2009/>

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Publication, proceedings

Abstracts

The abstracts of contributed talks and posters will be published on the conference proceedings website. The length is maximum 300 words, the format will be available on the conference web page.

Refereed Papers

Papers can be sent for publication to the scientific committee. We are in discussion with several journals that might publish a special issue with papers presented at CADGME-2009. Papers are to be submitted by 15 September 2009. Some papers from the previous conference can be found on the website of Teaching Mathematics and Computer Science:

<http://tmcs.math.klte.hu/>

Important dates and deadlines

Second Announcement	15 January 2009
Working group proposals	15 February, 2009
Workshop proposals	15 February, 2009
Abstract of contributed talks and posters	31 March, 2009
Acceptance notifications	31 May, 2009
Discounted registration	15 June, 2009
Final programme	30 June, 2009
End of pre-registration	1 July, 2009
Papers	15 September, 2009

Abstracts can be submitted on the conference website after registering.

Topics for contribution

Teaching

- The impact of CAS-DGS on mathematics teaching
- The changing role of the teacher
- Teacher learning
- Teacher training
- Distance learning and CAS

Learning

- The impact of CAS-DGS on students' learning
- Students' attitudes toward CAS-DGS
- CAS-DGS understanding/knowledge
- Algebraic skills and CAS
- Instrumentation

Curriculum

- Design of learning environments and curricula
- Implementation of curricula and classroom practices / Innovative practices

Assessment

- Assessment in CAS-DGS environments
- CAS-DGS in Web-based assessment systems

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Proposed Programme

11 July 2009	
Time	Session
8:30-9:30	Registration
9:30-9:45	Welcome
9:45-10:30	Plenary I
10:30-11:00	Coffee break
11:00-12:30	Parallel session I
12:30-14:00	Lunch
14:00-15:30	Parallel session II
15:30-16:00	Coffee
16:00-16:45	Plenary II
17:00-18:00	Parallel session III
19:00-22:00	Welcome dinner
12 July 2009	
9:00-10:30	Parallel session IV
10:30-11:00	Coffee break
11:00-12:30	Parallel session V
12:30-14:00	Lunch
14:00-15:30	Parallel session VI
15:30-16:00	Coffee
16:00-16:45	Plenary III
17:00-18:30	Workshops/meetings
19:00-20:30	Dinner
13 July 2009	
9:00-10:30	Parallel session VII
10:30-11:00	Coffee break
11:00-11:45	Plenary IV
11:45-12:30	Closing
12:30-14:00	Lunch
15:00-	Excursion

Fees

Registration fee:	180 Euro (before 15 June 2009) 200 Euro (after 15 June 2009)
Student fee:	150 Euro (before 15 June 2009) 170 Euro (after 15 June 2009)
Accompanying person fee:	140 Euro (before 15 June 2009) 160 Euro (after 15 June 2009)
Excursion	50 Euro

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What is covered by the registration fee for PARTICIPANTS?

- Conference materials
- Admission to Scientific Sessions
- Welcome reception
- All lunches and coffee breaks, dinner on July 12

What is covered by the fee for ACCOMPANYING PERSONS?

- Welcome reception
- All lunches and coffee breaks, dinner on July 12

Registration

Registration for the conference can be done electronically on the conference web page
<http://www.risc.uni-linz.ac.at/about/conferences/cadgme2009/>

Accommodation

Hagenberg

- Hotel Sommerhaus in Hagenberg, 5 minutes walking distance from the conference venue, good quality rooms with Internet access. Booking from the [registration](#) page. Costs approx. 30 Euro per person per night including breakfast. Note that there is also a Hotel Sommerhaus in Linz, see below.

Linz

- [Hotels in Linz](#), 20 km from the conference venue.
- Hotel [Sommerhaus](#) in Linz.

Travel

Directions and instructions can be found on the conference website

Scientific committee

Burkhard Alpers (Fachhochschule Aalen - University of Applied Sciences, Germany)
Teresa Assude (Université de Provence, France)
Paul Andrews (University of Cambridge, UK)
Bärbel Barzel (Universität Duisburg-Essen, Germany)
Bruno Buchberger (RISC, University of Linz, Austria)
Douglas Butler (ICT Training Centre Oundle School), UK)
J. Orlando Freitas (University of Madeira, Portugal)
Karl Fuchs (University of Salzburg, Austria)
Erika Gyöngyösi (University of Miskolc, Comenius College, Hungary)
Samer Habre (Lebanese American University, Lebanon)
Stephen J. Hegedus (University of Massachusetts, USA)
Kathleen Heid (Pennsylvania State University, USA)
Markus Hohenwarter (Florida Atlantic University, USA)
Djordje Kadijevich (Mathematical Institute, Serbian Academy of Sciences and Arts, Serbia)
János Karsai (University of Szeged, Hungary)
Carolyn Kieran (Université du Québec á Montréal, Canada)
Vesna Kilibarda (Indiana University Northwest, USA)
Vlasta Kokol-Voljc (University of Maribor, Slovenia)

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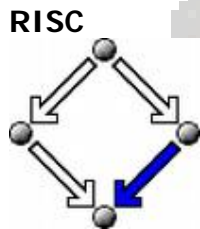
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Ulrich Kortenkamp (University of Education Schwäbisch Gmünd, Germany)
Zoltán Kovács (University of Debrecen - College of Nyíregyháza, Hungary)
Bernhard Kutzler (Austrian Center for Didactics of Computer Algebra ,Austria)
Jean-baptiste Lagrange (I.U.F.M. Reims and Didirem Université Paris VII, France)
Zsolt Lavicza (University of Cambridge, UK)
Matija Lokar (University of Ljubljana, Slovenia)
John Monaghan (University of Leeds, UK)
Eric Muller (Brock University, Canada)
Ildikó Perjési-Hámori (University of Pécs, Hungary)
Werner Peschek (Alpen - Adria Universität Klagenfurt, Austria)
Kenneth Ruthven (University of Cambridge, UK)
Csaba Sárvári (University of Pécs, Hungary)
Edith Schneider (Alpen - Adria Universität Klagenfurt, Austria)
Lajos Szilassi (University of Szeged, Hungary)
Denis Tanguay (Université du Québec á Montréal, Canada)
Luc Trouche (INRP (National Institut of Pedagogical Research), Lyon, France)
Éva Vásárhelyi (Eotvos Lorand University, Hungary / University of Salzburg, Austria)
Rose Mary Zbiek (The Pennsylvania State University, USA)
Nurit Zehavi (Weizmann Institute of Science, Israel)

Sponsors

The conference is sponsored by



We encourage companies or organizations to sponsor the conference or events related to the conference. In exchange, we can offer publishing their logo on our website, in conference rooms, and around the conference sites.

About RISC

RISC, the Research Institute for Symbolic Computation, is an institute at the JKU, the Johannes Kepler University Linz Austria. The institute was founded in the mid 1980's by Prof. Bruno Buchberger and has been devoted to developing and promoting the different areas and aspects of Symbolic Computation since then. Research groups at RISC specialize on automated theorem proving, algebraic geometry, algorithmic combinatorics, parallel computation, or formal methods to name but a few. Since its foundation, mathematical software for use in mathematics education at various levels has always played a key role at RISC. The institute consists of approximately 50 researchers and PhD-students from all over the world study at RISC in the frame of the PhD-program in Symbolic Computation. During summer 2009, as already in the years before, RISC will host a series of international conferences and workshops. The institute is located in the medieval

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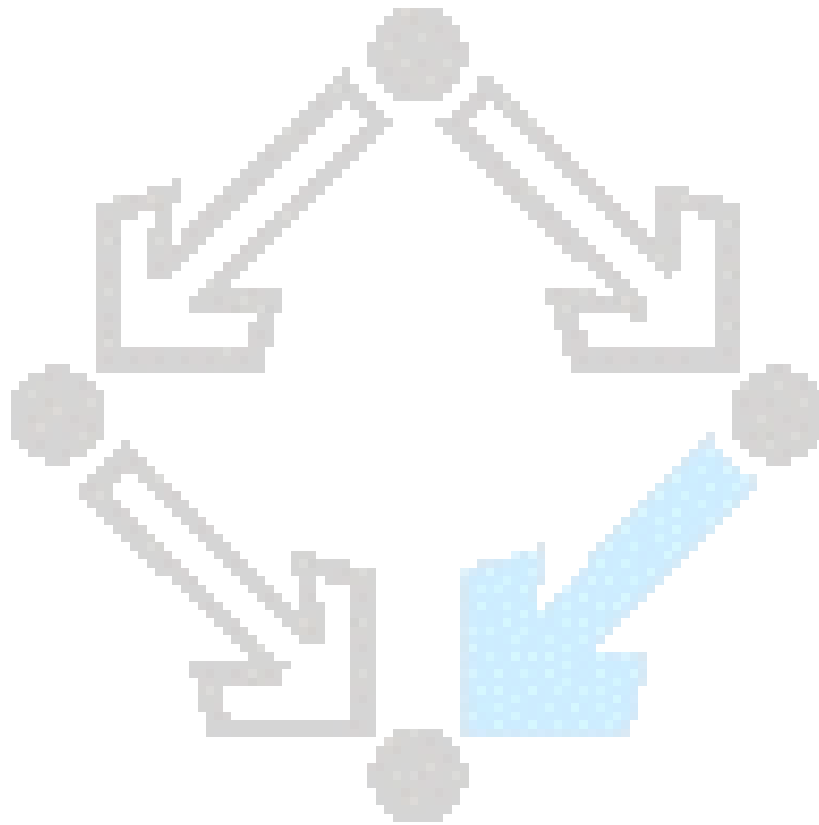
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Castle of Hagenberg 20km northeast of the university and can be reached by car in 15 minutes from the university on the highway.



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GeoGebra Conference

Further details will be available by the end of October on the following website:

http://www.geogebra.org/en/wiki/index.php/GeoGebra_Conference_2009

Times	Tue, July 14	Wed, July 15
8:40 - 9:00	Welcome	Day Overview
9:00 - 9:40	Keynote Keith Jones (to be confirmed)	Keynote Zsolt Lavicza
9:40 - 10:00	Introduction of Working Groups	Working Group sharing/ideas
10:00 - 10:30	Coffee Break	Coffee Break
10:30 - 12:00	Working Groups Session 1	Working Groups Session 3
12:00 - 13:20	Lunch	Lunch
13:20 - 14:00	Keynote Thomas Recio	Keynote Damjan Kobal
14:00 - 15:30	Working Groups Session 2	Working Groups Session 4
15:30 - 16:00	Coffee Break	Coffee Break
16:00 - 16:40	Working Groups Day Summary Session	Working Groups Day Summary Session
16:40 - 18:00	Reports of Working Groups	Reports of Working Groups Conclusions

Registration fee: 110 Euro (before 15 June 2009)
130 Euro (after 15 June 2009)
Accompanying person fee: 85 Euro (before 15 June 2009)
100 Euro (after 15 June 2009)

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