

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

29 June -1 July, 2010 Hluboká nad Vltavou, Czech Republic

## First Announcement

### Welcome

After two successful conferences held at Pécs, Hungary (2007) and Hagenberg, Austria (2009) we are delighted to announce that the CADGME conference continues. The team from Pedagogical faculty at University of South Bohemia in České Budejovice volunteered to host the conference this year in the beautiful place in Hluboká nad Vltavou (10 km from České Budejovice). As for the last CADGME conferences 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 Hluboká nad Vltavou in 29 June - 1 July 2010. We are also pleased to announce that the Intergeo conference I2GEO 2010 (see <http://cermat.org/i2geo2010>) will be held right after CADGME-2010 (2-3 July).

### Keynote speakers

**Paul Drijvers** (Netherlands)  
**Ulrich Kortenkamp** (Germany)  
**Matija Lokar** (Slovenia)  
**Pavel Pech** (Czech Republic)

### 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 2010 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 2010. Computer rooms will be provided if requested, the time limit is 1.5 hour per workshop.

**Website:** <http://www.pf.jcu.cz/cadgme2010>

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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. The best papers will be published in the iJMEST and we are in discussion with several other journals that might publish papers presented at CADGME-2010. Papers are to be submitted by 15 September 2010. 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 2010
Working group proposals	15 February 2010
Workshop proposals	15 February, 2010
Abstract of contributed talks and posters	31 March 2010
Acceptance notifications	31 May 2010
Discounted registration	31 May 2010
Final programme	15 June 2010
End of pre-registration	1 June 2010
Papers	15 September, 2010

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

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- Implementation of curricula and classroom practices / Innovative practices

### Assessment

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

### Proposed Programme

<b>29 June 2010</b>	
<b>Time</b>	<b>Session</b>
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
<b>30 June 2010</b>	
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
<b>1 July 2010</b>	
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

<b>Registration fee:</b>	180 Euro (before 1 June 2010) 200 Euro (after 1 June 2010)
<b>Student fee:</b>	150 Euro (before 1 June 2010) 170 Euro (after 1 June 2010)
<b>Accompanying person fee:</b>	140 Euro (before 1 June 2010) 160 Euro (after 1 June 2010)

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**Excursion**

50 Euro

**What is covered by the registration fee for PARTICIPANTS?**

- Conference materials
- Admission to Scientific Sessions
- Welcome reception
- All lunches and coffee breaks, dinner on June 29

**What is covered by the fee for ACCOMPANYING PERSONS?**

- Welcome reception
- All lunches and coffee breaks, dinner on June 29

**Registration**

Registration for the conference can be done electronically on the conference web page  
<http://www.pf.jcu.cz/cadgme2010>

**Accommodation**

**Hluboká nad Vltavou**

- Hotel Parkhotel in Hluboká nad Vltavou (webová stránka hotelu), where the conference is held (good quality rooms with Internet access). Booking from the [registration](#) page. Costs approx. 40 Euro per person per night including breakfast.

**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)  
**Ralph-Johan Back** (Abo Akademi University Turku, Finland)  
**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)  
**Samer Habre** (Lebanese American University, Lebanon)  
**Roman Hašek** (University of South Bohemia, Czech Republic)  
**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)

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**Ulrich Kortenkamp** (University of Education Schwäbisch Gmünd, Germany)  
**Zoltán Kovács** (University of Debrecen - College of Nyíregyháza, Hungary)  
**Yves, Kreis** (University of Luxembourg, Luxembourg)  
**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)  
**Walther Neuper** (University of Technology, Graz, Austria)  
**Pavel Pech** (University of South Bohemia, Czech Republic)  
**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 à 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

**University of South Bohemia**

**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 USB (University of South Bohemia)**

**The University of South Bohemia in České Budějovice** is a public university founded in 1991. It comprises eight faculties and a university institute, namely the Pedagogical Faculty, the Faculty of Agriculture, the Faculty of Economics, the Faculty of Philosophy, the Faculty of Science, the Faculty of Theology, the Faculty of Health and Social Studies and the newly founded Faculty of Fishery and Water Protection. The ninth body of the university is the Institute of Physical Biology in Nové Hradky. We are a research university focusing mainly on natural sciences, social sciences, and humanities. Recent surveys have shown the university to be most successful in science and research, lifelong learning, and its ability to focus on regional issues.

Applicants for the Bachelor's, Master's, and Doctoral degrees may choose from 229 majors with a range of further specializations. The study of 24 majors is conducted in English and 3 in German. All faculties and institutes provide PhD study programmes in chosen fields of study and the majority of them have the right to name professors and associate professors.

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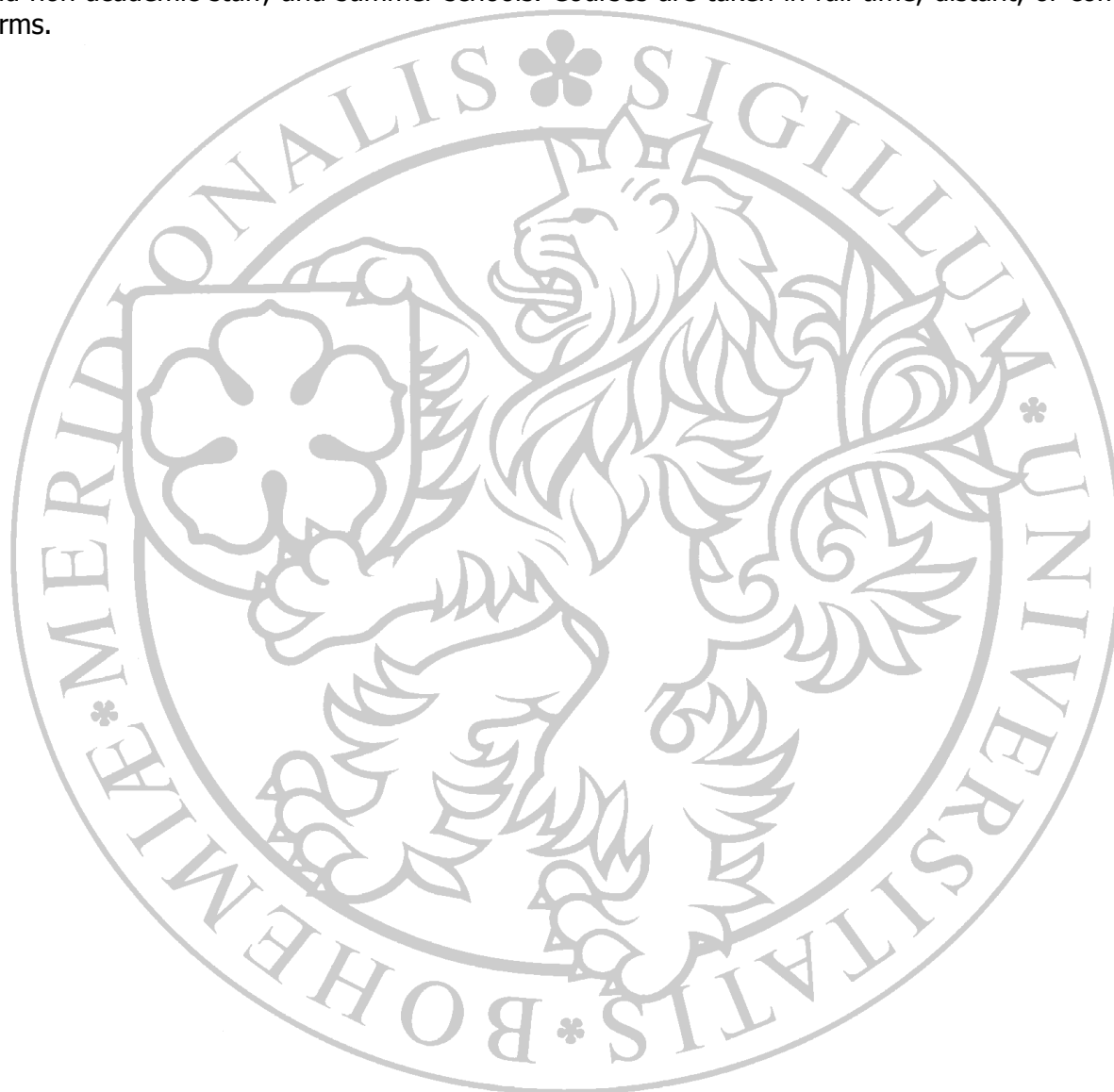
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In the academic year 2009/10 there are 13 000 students studying at the University of South Bohemia.

The university provides a wide range of lifelong learning programmes at Bachelor's, Master's, and Doctoral levels as well as complementary, requalification, and other types of adult education. Lifelong learning comprises the University of the Third Age, the further education of the academic and non-academic staff, and summer schools. Courses are taken in full-time, distant, or combined forms.



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