



1st Announcement

TIME-2010

**International Symposium on
*Technology and its Integration into Mathematics Education***

This symposium combines the
11th ACDCA Summer Academy
and the
9th Int'l TI-Nspire & Derive Conference
and is organized by

University of Málaga, Spain
6th-10th July 2010

www.time2010.uma.es

In 1992 ACDCA (the Austrian Center for Didactics of Computer Algebra) started a conference series which has become a driving force in bringing technology, in particular computer algebra systems (CAS), into the classroom.

The conference series comprises two strands: the ACDCA Summer Academies, which are more oriented towards didactical questions connected with the use of technology for teaching and learning and the International Derive Conferences, which are more oriented towards concrete applications of Computer Algebra Systems for teaching in schools and at universities.

The conference program will consist of keynote lectures, contributed presentations, and workshops.

Invited speakers are: Bärbel Barzel, Colette Laborde, Eugenio Roanes and Michel Beaudin

Call for submissions

Deadlines and how to submit will be posted in short in www.time2010.uma.es

11th ACDCA Summer Academy

Topics include:

- CAS-based curricula and teaching methods
- Dynamic geometry systems as teaching tools
- Assessing with technology
- Web based teaching and learning methods
- Dispensable and indispensable mathematical skills and abilities
- CAS as pedagogical tools for compensation and amplification
- Classroom examples using CAS (and other technologies)
- Demands on a Pedagogical CAS
- Convergence of Mathematical Assistants
- Future of CAS in Education

9th TI-Nspire & Derive Conference

Topics include:

- Applications in mathematics, the natural sciences, research & development, economy, social sciences, industry, ...
- Teaching and learning with TI-Nspire, TI-89/92, Voyage200, Derive and other CAS
- Programming in TI-Nspire, TI-89/92, Voyage200, in Derive and in other CAS
- Interfaces to other programs/tools
- Producing and using utility files and libraries
- Problems and limitations
- Web resources - going online
- Connecting computer algebra and computational logic
- Different alternatives to Derive.

Conference Co-Chairs:

José Luis Galán, Gilles Picard, Pedro Rodríguez and Gabriel Aguilera

Organizing Committee:

José Luis Galán, Pedro Rodríguez, Gabriel Aguilera,
Yolanda Padilla and María Ángeles Galán

Program Committee Co-Chairs:

ACDCA Summer Academy:

Bernhard Kutzler & Vlasta Kokol-Voljc

DERIVE & TI-Nspire Conference:

Josef Boehm & José Luis Galán

Website:

www.time2010.uma.es