

## Purpose of the Conference

The ACA conference series is devoted to promoting all manner of computer algebra applications, and encouraging the interaction of developers of computer algebra systems and packages with researchers and users (including scientists, engineers, educators, etc.). Topics include, but are not limited to, computer algebra in the sciences, engineering, medicine, pure and applied mathematics, education and computer science.

### *Presentation Format:*

The meeting will be run in the standard ACA format where different special sessions have been accepted (see <http://aca2013.uma.es/>). All talk submissions must be directed to an organizer of an appropriate special session. Within each session, talks are traditionally 1/2 hour in length (including time for questions), although hour long expository lectures occasionally occur.

### *Important Dates (extended):*

- May 15<sup>th</sup>: Deadline for talk submissions.
- May 20<sup>th</sup>: Notification of acceptance.
- May 25<sup>th</sup>: Deadline for extended abstracts / short papers submissions.
- May 25<sup>th</sup>: Final day for standard registration.
- May 30<sup>th</sup>: Final day for special rates at Málaga Palacio Hotel.
- July 2<sup>nd</sup> - 6<sup>th</sup>: ACA 2013 Conference.

### *Proceedings and Special Issue:*

Proceedings (abstracts) will be published with an ISBN. An extended abstract or short paper of up to 5 pages can be included in the proceedings. In addition of the possible publications within special sessions, a Special Issue in the Journal of Symbolic Computation will be produced for the whole conference with the very best/top quality papers. Call for papers, deadlines and procedure will be announced next to the Conference days.

## Social Events

### Tuesday, 2<sup>nd</sup>

20:30h: **Welcome Cocktail. Málaga Town Hall.**

We will depart from Málaga Palacio Hotel at 20:15 (5 minutes walk). Málaga's Mayor will give a "welcome to Málaga" speech and later, we will enjoy the welcome cocktail.

### Wednesday, 3<sup>rd</sup>

19:00 **Málaga City Centre Tour.**

We will depart from Málaga Palacio Hotel. We will walk around city center streets and monuments and a possible inside night visit to the Alcazaba. We will finish at "El Pimpi" restaurant where we will enjoy the dinner (included) with a flamenco show.

### Thursday, 4<sup>th</sup>

15:30 **ACA 2013 Excursion: Alhambra's gardens and night visit to Alhambra de Granada.**

We will depart from Málaga Palacio Hotel by bus to Granada. At 17:30 we will start visiting Alhambra's gardens and later a night visit to the Alhambra monument, a humanity patrimony building, which has been proposed to be one of the new seven marvels. After the visit we will have dinner (included) in Granada.

### Friday, 5<sup>th</sup>

9:00: **Extra excursion for accompanying persons.**

21:00h: **Banquet. Málaga Palacio Hotel.**



# ACA 2013

## Applications of Computer Algebra

July 2<sup>nd</sup>-6<sup>th</sup>, 2013

AC Hotel Málaga Palacio

Málaga, Spain

<http://aca2013.uma.es/>

[aca2013@ctima.uma.es](mailto:aca2013@ctima.uma.es)



2<sup>nd</sup> Announcement

## History of the conference

### ACA Conference History

In 1995, at the University of New Mexico in Albuquerque, New Mexico, USA, was held the 1<sup>st</sup> International IMACS Conference on Applications of Computer Algebra. IMACS stands for "International Association for Mathematics and Computers in Simulation", see [this 1995 text](#) for more details or visit [their official website](#). Since 2001, the conference retains only the title "Applications of Computer Algebra". This conference is an annual meeting, devoted to promoting the applications and development of Computer Algebra and Symbolic Computation. Topics include computer algebra and symbolic computation in engineering, the sciences, medicine, pure and applied mathematics, education, communication and computer science.

### Past and Future Conferences

- **ACA 2014.** New York City, New York, USA.
- [ACA 2013.](#) Malaga, Spain
- [ACA 2012.](#) Sofia, Bulgaria.
- [ACA 2011.](#) Houston, Texas.
- **ACA 2010.** Vlora, Albania.
- [ACA 2009.](#) Montréal, Québec, Canada.
- [ACA 2008.](#) Hagenberg (Linz), Austria.
- **ACA 2007** Rochester, Michigan, USA.
- [ACA 2006.](#) Varna, Bulgaria.
- [ACA 2005.](#) Nara, Japan.
- **ACA 2004.** Beaumont, Texas, USA.
- [ACA 2003.](#) Raleigh, North Carolina, USA.
- [ACA 2002.](#) Volos, Greece.
- [ACA 2001.](#) Albuquerque, New Mexico, USA.
- [ACA 2000.](#) Saint Petersburg, Russia.
- [ACA'99.](#) El Escorial, Spain.
- [ACA'98.](#) Prague, Czech Republic.
- [IMACS-ACA'97.](#) Wailea, Maui, Hawaii, USA.
- [IMACS-ACA'96.](#) Hagenberg (Linz), Austria.
- [IMACS-ACA'95.](#) Albuquerque, New Mexico, USA.

## Chairs & Committee

### General Chairs

José Luis Galán García, Pedro Rodríguez Cielos,  
Gabriel Aguilera Venegas

### Program Chairs

José Luis Galán García, Gilles Picard

### Local Chairs

Salvador Merino Córdoba, Javier Martínez del  
Castillo, M<sup>a</sup> Ángeles Galán García, Yolanda  
Padilla Domínguez, M<sup>a</sup> Luz Muñoz Ruiz, José  
Manuel González Vida

### Scientific Committee

ACA conferences are under the supervision of the  
Applications of Computer Algebra Working Group  
(ACA WG):

Alkiviadis Akritas, Michel Beaudin, Bruno Buchberger,  
Jacques Calmet, Victor Edneral, José Luis Galán  
García, Victor Ganzha, Vladimir Gerdt, Mark  
Giesbrecht, Hoon Hong, David Jeffrey, Hiroshi Kai,  
Erich Kaltofen, Ilias Kotsireas, Bernhard Kutzler,  
Robert H. Lewis, Richard Liska, Winfried Neun, Matu-  
Tarow Noda, Gilles Picard, Kathleen Pineau, Bill  
Pletsch, Eugenio Roanes-Lozano (ACA WG Chair),  
Tateaki Sasaki, Yosuke Sato, Tony Shaska, Margarita  
Spiridonova, Stanly Steinberg (founder of the ACA  
conference series), Agnes Szanto, Quoc-Nam Tran,  
Nikolay Vasiliev, Stephen Watt, Michael Wester (co-  
founder of the ACA conference series), Wolfgang  
Windsteiger, Franz Winkler

## Conference fees

### Registration fees for delegates:

Registration fees for conference delegates will cover:

- Admission to all presentations,
- Book of abstracts with an ISBN,
- Lunches, coffee breaks,
- Tuesday's welcome reception,
- Wednesday's excursion to Málaga City Centre (including dinner),
- Thursday's excursion to Alhambra, Granada (including dinner),
- Friday's banquet dinner and
- Special prices for visiting Thyssen and Picasso's Museums.

Standard, until May 25<sup>th</sup>: **325 €**

Late registration, after May 25<sup>th</sup>: **395 €**

### Registration fees for accompanying person:

Registration fees for accompanying person will cover

- Tuesday's welcome reception,
- Wednesday's excursion to Málaga City Centre (including dinner),
- Thursday's excursion to Alhambra, Granada (including dinner),
- An extra excursion on Friday morning,
- Friday's banquet dinner and
- Special prices for visiting Thyssen and Picasso's Museums.

Standard, until May 25<sup>th</sup>: **250 €**

Late registration, May 25<sup>th</sup>: **320 €**