

First Announcement  
10th European Conference  
on Atoms, Molecules and Photons  
**ecamp10**  
salamanca

4-9 july 2010 Palacio de Congresos Salamanca



Plenary speakers:

**Ewine van Dishoeck (Leiden)**  
**Ignacio Cirac (Garching)**  
**Janos Hajdu (Uppsala)**  
**Joachim Burgdörfer (Viena)**  
**Massimo Inguscio (Firenze)**

Public Lecture:

**Rodolfo Miranda (Madrid)**

Local chairs:

**Fernando Martín (Madrid)**  
**Gustavo García (Madrid)**  
**Luis Roso (Salamanca)**  
**Paulo Lima-Vieira (Lisboa)**

Secretary:

**Luis Bañares (Madrid)**

Treasurer:

**Antonio Aguilar (Barcelona)**

International chair:

**Henrik Cederquist (Stockholm)**

[www.ecamp10.com](http://www.ecamp10.com)

The Spanish Royal Society of Physics, the University Autonoma of Madrid, the Spanish Research Council, the Complutense University of Madrid, the University of Barcelona, the New University of Lisbon, and the University of Salamanca will be hosting the tenth European Conference on Atoms Molecules and Photons (ECAMP X) that will take place in Salamanca (Spain) from the 4th to the 9th of July 2010 at the Castilla y Leon Convention Center. The tri-annual ECAMP conference series, launched in 1982, is the major conference of the Atomic, Molecular and Optical Physics Division (AMOPD) of the European Physical Society (EPS). This series of conferences seeks to promote the dissemination and exchange of scientific knowledge in the field of AMO physics. With this announcement we would like to invite you to participate in this event. The scientific program will cover the most recent developments in the broad field of AMO physics.

## **Topics**

- Atomic and molecular astrophysics
- Atomic and molecular collisions
- Electron collisions
- Photon induced processes
- Atomic and molecular spectroscopy
- Molecular reaction dynamics
- Ultrafast dynamics
- Coherent control
- Strong fields
- Attosecond physics
- Photophysics and collisions of biomolecules
- Clusters and nanoparticles
- Surface reaction dynamics and self-assembly
- Cavity QED
- Atom interferometry and atomic clocks
- Degenerate quantum gases
- Cold atoms and molecules
- Fundamental physics, precision measurements and metrology
- Quantum information

## **Conference site and venue**

Salamanca is located 200 km northwest of Madrid. Salamanca University was founded in 1218 and it is the oldest university in Spain. It later became one of the world-leading learning institutions together with the universities in Oxford, Paris and Bologna. Today, Salamanca University has a broad scope of scientific research and it offers, e.g., Spanish courses to students from Spain and abroad. The town of Salamanca is well known for its beautiful architecture, which includes two cathedrals, a roman bridge and many fine Renaissance buildings. Its Plaza Mayor is, by many, considered to be the finest in Spain. Oral and poster sessions will take place in the "Castilla y Leon Conference Centre", which provides a wide range of facilities, qualified personnel and extensive services suitable for the quality and variety of uses of this large meeting.

## **Abstracts**

Abstracts will be reviewed by the Program Committee and assigned to oral or poster sessions. Only 16 contributions will be selected for oral presentations.

## **Deadlines**

Distribution of the Second Announcement: January 2010

Deadline for abstracts: March 12, 2010

Deadline for early registration: April 16, 2010

## **ECAMP homepage**

<http://www.ecamp10.com>

## **Travel**

ECAMP participants are recommended to use Valladolid (VLL) or Madrid (MAD) airports, which are located about 100 and 200 km respectively from Salamanca. VLL is served daily with several flights from major European cities, while MAD is served daily from almost everywhere in Europe at competitive air fares. Taxis and rental cars are available at the airport. Cheap transportation from these airports to Salamanca is possible by bus and train from downtown Valladolid and Madrid. Shuttles from and to VLL and MAD airports will be available the day before and after the conference for those participants willing to book this service in advance.

## **Accommodation**

Hotel rooms in downtown Salamanca have been reserved for the participants. All of them are at walking distance from the conference venue. Further information about the hotels together with the registration form will appear in the Second Announcement. Hotels of all categories at prices starting from about €60 are available. Inexpensive student dormitories in entirely renovated buildings (single and double rooms with private bath and Internet Wifi connection) are also available for about €30 including breakfast. Inexpensive lunch will also be available for about €5.

## **Weather**

Early summer in Salamanca is usually sunny and dry with average temperatures around 26°C. Daytime temperatures rarely exceed 35°C and night temperatures are never below 17°C. Relative humidity is usually below 50%. Air conditioning is available in most public buildings and hotels.