

Fourth Circular

ABSTRACT SUBMISSION DEADLINE IS APPROACHING

ICAP 2018 - The 26th International Conference on Atomic Physics Barcelona, July 22nd – July 27th 2018

Dear Colleague,

The **26th International Conference on Atomic Physics**, which will be held in Barcelona from **July 22nd – July 27th 2018**, is approaching. The conference is organized by ICFO, Universitat Autònoma de Barcelona (UAB), Universitat Politècnica de Catalunya (UPC) and the University of Barcelona (UB). The conference will be preceded by the [ICAP 2018 Summer School](#).

DATES

The **ICAP 2018 conference** will start with an initial reception on **Sunday July 22nd 2018 at 7pm** at the historical building of the University of Barcelona, in the city centre. The first session of the conference will start on **Monday July 23rd 2018 at 8:45** at the conference venue. The conference will finish on **Friday July 27th 2018 at 5pm**.

VENUE

The **ICAP 2018 conference** will be held at the Palau de Congressos de Barcelona, PCB, which is located at the heart of the city, in the vicinity of Plaça de Espanya, Montjuic and the National Museum of Arts of Catalonia.

SCIENTIFIC PROGRAM

Thanks to the [International Program Committee of ICAP 2018](#), we are happy to announce that we have a fantastic list of confirmed speakers for the conference:

Antonio Acín	John M. Doyle	Gerhard Rempe
Andreas Becker	André Eckardt	Piet Schmidt
Immanuel Bloch	Tilman Esslinger	Jörg Schmiedmayer
Jacqueline Bloch	Christian Gross	Yong-il Shin
Doerte Blume	Zoran Hadzibabic	Ian Spielman
Antoine Browaeys	Ed Hinds	Yoshiro Takahashi
Francesca Calegari	Mark Kasevich	Thomas Udem
Darrick Chang	Ping Koy Lam	Tanya Zelevinsky
Paul Corkum	Dietrich Leibfried	Peter Zoller
Jean Dalibard	Holger Mueller	
Karsten Danzmann	Xinhua Peng	
Michel Devoret	Arno Rauschenbeutel	

The conference will also invite eight “hot topic speakers”.

Charles Adams	Mikhail Lukin
Waseem Bakr	Kang-Kuen Ni
Francesca Ferlaino	Ana Maria Rey
Ben P. Lanyon	Susanne Yelin

SPECIAL EVENTS

Besides the invited talks the ICAP conference will host two extra scientific activities. On Tuesday we will have a **Nobel prize panel session** to discuss the past, present and future of atomic physics. Confirmed participants are:

Claude Cohen-Tannoudji
Theodor W. Hänsch
Serge Haroche
Wolfgang Ketterle
William D. Phillips

On Thursday we will host a **IUPAP session presented by Prof. William Phillips and Prof. Vanderlei Bagnato** on the new metrology standards (SI) introduced this year. These activities will be open to the public.

IUPAP PRIZE

During the conference, the IUPAP Young Scientist Prize in Atomic, Molecular and Optical Physics 2018 will be presented. The recipient will hold an invited talk.

REGISTRATION

The registration to the conference is already open at the **ICAP 2018 webpage**. The available options are:

Early Regular	Until May 14 th 2018	500,00€
Early student	Until May 14 th 2018	250,00€
Late Regular	From May 15 st 2018	600,00€
Late student	From May 15 st 2018	350,00€

The registration fee includes a welcome pack, coffee breaks and the welcome reception.

VISA APPLICATION

If you need an invitation letter to obtain a visa to enter Spain, please choose the appropriate option on the registration website. The invitation letter will be sent to you once you have finalized the payment.

TRAVEL SUPPORT

If you are a student or Emeritus Professor, you can apply for travel support at the registration online procedure.

ACCOMMODATION

Hotel occupation is expected to be very high in July, as it is very high season in Barcelona. For this reason we ask all participants to book their rooms as soon as possible. Some pre booked rooms are available at the conference website. Also you will find Student residences and apartments with special discounts for the ICAP attendants

SOCIAL PROGRAM AND GALA DINNER

A range of activities will be offered to the accompanying persons, including visits to the main museums, wine cellars and the Montserrat Monastery. These can be booked on the conference site.

On Sunday 22nd we will have a **Welcome Reception at the Historic Building of the Universitat de Barcelona**. And on Wednesday we will have a free afternoon followed by the **Gala Dinner at the Museu Marítim of Barcelona**. The prize of the dinner is 60 euro. During the afternoon we will offer two different activities to visit the city centre.

WEBPAGE

Further information about the conference, including the list of speakers, details about registration, support for students, etc., can be found at the **ICAP 2018 webpage**,

<http://icap2018.eu/>

SATELLITE EVENTS

Following the tradition, the conference will be preceded by the **ICAP 2018 Summer School**, to be held in Barcelona during the previous week, from **July 16th 2018 to 20th 2018**.

Information on other satellite events is collected at the **ICAP 2018 webpage**, at the Satellite Events menu. [Please click here](#) to find them out.

CONTACT

Should you have any question concerning **ICAP 2018** please email us to

info@icap2018.eu

INTERNATIONAL ADVISORY COMMITTEE

Ennio Arimondo, Italy	Ed Hinds, UK
Hans Bachor, Australia	Massimo Inguscio, Italy
Vanderlei Bagnato, Brazil	Wonho Jhe, Korea
Viktor Balykin, Russia	Wolfgang Ketterle, USA
Rainer Blatt, Austria	Daniel Kleppner, USA
Immanuel Bloch, Germany	Michèle Leduc, France
Gretchen Campbell, USA	Hélène Perrin, France
Donghyun Cho, Korea	William Phillips, USA
Claude Cohen-Tannoudji, France	Lev Pitaevskii, Russia
Robin Côté, USA	Trey Porto, USA
Gordon Drake, Canada	Fujio Shimizu, Japan
Norval Fortson, USA	Winthrop Smith, USA
Philippe Grangier, France	Jook Walraven, The Netherlands
Theodor Hänsch, Germany	David Wineland, USA
Peter Hannaford, Australia	Tsutomu Yabuzaki, Japan
Serge Haroche, France	Mingsheng Zhan, China

LOCAL ORGANIZING COMMITTEE

Maciej Lewenstein (chair), [ICFO](#)
Verònica Ahufinger (vice-chair), [UAB](#)
Bruno Julia-Diaz (vice-chair), [UB](#)
Jens Biegert, [ICFO](#)
Hugues de Riedmatten, [ICFO](#)
Jose Ignacio Latorre, [UB](#)
Ferran Mazzanti, [UPC](#)
Morgan Mitchell, [ICFO](#)
Artur Polls, [UB](#)
Anna Sanpera, [UAB](#)
Leticia Tarruell, [ICFO](#)

Looking forward to meeting you all in Barcelona,

Verònica, Bruno and Maciej, on behalf of the local organizing committee