



# BILBAO2018

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## The 25<sup>th</sup> International Conference on High Resolution Molecular Spectroscopy

Bilbao, Spain, September 3<sup>rd</sup> – 7<sup>th</sup>, 2018

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## FIRST CIRCULAR: DECEMBER 2017

The 25<sup>th</sup> ICHRMS, part of the *Prague Conference series*, will be held at the “[Bizkaia Aretoa](#)” or Biscay Hall, a new building designed by the Pritzker-prize winner architect Alvaro Siza. The Biscay Hall is located in the Bilbao city center, in the vicinity of the Guggenheim Museum and close to other major city sights. The building comprises the “[Mixelena Auditorium](#)”, with capacity for 441 persons and several other lecture halls and exhibition rooms that will be available for the meeting.

The conference organization will be undertaken jointly by the Department of Physical & Inorganic Chemistry of the *University of Valladolid (UVa)* and the Department of Physical Chemistry of the *University of the Basque Country (UPV/EHU)*.

Please note that the scientific program of the meeting starts on Monday, September 3<sup>rd</sup> in the morning and closes on Friday, September 7<sup>th</sup>, 2018 in the evening. The closing ceremony will be followed by a Gala Dinner the same Friday evening. This conference format will typically have you arriving at Bilbao on Sunday, September 2<sup>nd</sup> in the afternoon, and leaving on Saturday morning, September 8<sup>th</sup>.

Bilbao is the capital of Biscay and the largest metropolitan area in the Basque Country and the north of Spain. Founded in 1300, the city soon became a commercial hub associated to its port activity and iron ore export. Bilbao went through a heavy industrialisation and steady economic development since the 19th century. Nowadays, Bilbao has turned into a vigorous service city, experiencing an ongoing social, economic, and aesthetic revitalisation process. Bilbao received the inaugural Lee Kuan Yew World City Prize Laureate in 2010 in recognition of its integrated and holistic approach to urban transformation. Recently, the town was named European City of the Year at the 2018 Urbanism Awards. Bilbao can be reached by air, sea or land (plane, ship, train or car).

## Scientific program

There will be 10 invited talks with the following invited speakers:

**AD VAN DER AVOIRD**

Radbaud University, Nijmegen, The Netherlands

**GEOFFREY A. BLAKE**

California Institute of Technology, Pasadena, CA, USA

**MICHAEL HEAVEN**

Emory University, Atlanta, GA, USA

**CHRISTINE JOBLIN**

IRAP – Université de Toulouse, France

**VIVIENNE PAYNE**

Jet Propulsion Laboratory, Pasadena, CA, USA

**MARIA E. SANZ**

King's College, London, UK

**THOMAS SCHULTZ**

Ulsan National Institute Standards and Technology, Republic of Korea.

**ANN CARINE VANDAELE**

Royal Belgian Institute for Space Aeronomy, Brussels, Belgium

**SANJAY WATEGAONKAR**

Tata Institute of Fundamental Research, Mumbai, India

**KOICHI M. T. YAMADA**

National Institute of Advanced Industrial Science and Technology, Tsukuba, Ibaraki, Japan

Presentation titles will be given in the second circular.

The Conference is supported by the *Atomic and Molecular Physics Division* (GEFAM) of the Spanish Physics (RSEF) and Chemistry (RSEQ) Societies, the *University of Valladolid* and the *University of the Basque Country*. The participants will be welcomed by the authorities of the University of the Basque Country and the City Hall.

In the tradition of the *Prague Conference* series, the **Plíva prize** will be awarded to the *best talk* given by a Ph.D. student or a young researcher who obtained the Ph.D. degree less than one year before the BILBAO2018 meeting.

On the occasion of the 25<sup>th</sup> anniversary of the *Prague Conference* series, the Atomic and Molecular Physics Division (GEFAM) of the Spanish Physics (RSEF) and Chemistry (RSEQ) Societies will award the “**Miguel Catalán**” Medal, commemorating the work and contribution of this Spanish spectroscopist of the 20th century to the field of Atomic or Molecular Physics.

## Contributions

Contributions are invited in the fields of:

- Observation, measurement, and analysis of high resolution rotational, vibrational, or electronic spectra of molecules (radicals, ions, complexes, clusters) in the gas phase or in matrices.
- Developments in experimental techniques for spectral observation.
- Theory assisting the prediction, simulation, and spectral interpretation.
- Applications in related fields such as the Physics and Chemistry of the atmosphere, planets, cool stars or interstellar medium, chemical kinetics, biologically important molecules in the gas phase or in matrices, combustion, cold molecules, metrology, chemical analysis and other fields analysed using spectroscopy.

The conference will primarily be based on **oral communications** in parallel sessions. We strongly encourage you - explicitly also addressing Ph.D. students or early stage researchers - to contribute an oral presentation. Nevertheless, contributions for presentation in poster sessions will also be accepted.

## Accommodation

Single and double rooms will be available in student dormitories and affordable hotels, close to the conference site. All the reservation process will be handled on-line by a dedicated web application. Lunch packages will be available at subsidized costs. The conference will include a University Reception, a City Hall Reception, as well as a Gala Dinner and dedicated XXV Anniversary Session. For the remaining evenings, a wide variety of dining opportunities such as restaurants and typical tapas bars will be available in the surroundings of the conference site. In addition to an Excursion, a Social Program for accompanying persons will be organized.

## 2<sup>nd</sup> Circular meeting information

February 2018.

## Deadline for final registration and submission of abstracts

June 1<sup>st</sup> 2018.

## **Deadline for final reservation of accommodations**

June 1<sup>st</sup> 2018.

## **3<sup>rd</sup> circular with meeting information and directions**

July 2018.

## **Registration fees**

a	regular participants:	225 €
b	students/young researchers with Ph.D. awarded within one year (proof required):	150 €
c	accompanying persons	150 €

More detailed information will be given in the 2<sup>nd</sup> circular and within the registration process.

## **WWW server**

The *PRAHA Conference* series maintains a permanent web-site at the Bergische Universität Wuppertal, covering the aims, organization and history of the conferences:

<http://www.chem.uni-wuppertal.de/conference/>

In addition, a dedicated web portal will manage the on-line accommodation and registration process for the BILBAO2018 meeting. Both, the permanent *PRAHA* and dedicated *Bilbao2018* sites will provide regular updated information.

## **Preregistration**

Preregistration is not required for Bilbao2018.

## **Registration**

We will inform you in the 2<sup>nd</sup> Circular about the details of the registration process and submission of abstracts, which will all be handled on-line. Generally, no postal or email communication will be necessary, since the web-site will handle both the registration and the abstract submission process relying on on-line forms. The printing and mailing of paper forms will not be required.

General questions on the meeting organization and accommodation will be handled by the Conference Secretary. Contact information will be given with the 2<sup>nd</sup> Circular.

Specific questions can be addressed directly to the executive and local chairmen of the Conference:

- Alberto Lesarri: [lesarri@qf.uva.es](mailto:lesarri@qf.uva.es)
- Emilio J. Cocinero: [emiliojose.cocinero@ehu.es](mailto:emiliojose.cocinero@ehu.es)

## History of early *PRAHA conference series*

The BILBAO2018 meeting will mark the 25<sup>th</sup> edition of this conference series.

We have collected a significant number of photographs from the conferences that took place in Liblice, Dobříš and Prague between 1970 and 1998. They are now available at the conference website, see

[| PRAHA98](#) | [PRAHA96](#) | [Dobříš 1992](#) | [Dobříš 1990](#) | [Liblice 1988](#) | [Liblice 1986](#) | [Liblice 1984](#) | [Liblice 1982](#) | [Liblice 1980](#) | [Liblice 1978](#) | [Liblice 1976](#) | [Liblice 1974](#) | [Prague 1972](#) | [Prague 1970](#) |

We would like to make this collection more complete. However, there are very few pictures from the 1988, 1990, 1994, and 1996 meetings, and rather few pictures from the 1992, 1998, and 2000 meetings. If you have photographs from early conferences that are not on the site already, please scan them and send the resulting files to [praha@uni-wuppertal.de](mailto:praha@uni-wuppertal.de) (please send also a short message to [jensen@uni-wuppertal.de](mailto:jensen@uni-wuppertal.de) with a notification that you have sent the photograph files). We will include them in the photo galleries even though it may take a while until we get around to doing so!

In the photo galleries on the web, we have endeavored to identify as many participants as possible. If you recognize somebody who is not already identified, or if you realize that some identification is wrong, please notify [jensen@uni-wuppertal.de](mailto:jensen@uni-wuppertal.de). Thank you!