



PRAHA2016

The 24th International Conference on High Resolution Molecular Spectroscopy

Prague, Czech Republic, August 30th-September 3rd, 2016

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

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1ST CIRCULAR: JANUARY 2016

The conference will be held in Prague-Dejvice [close to Vítězné Náměstí with the Metro (subway/underground) station Dejvická], in the building of the National Technical Library in the university campus of the University of Chemical Technology and the Czech Technical University in Prague. The local organization will be undertaken in a collaboration between the University of Chemical Technology Prague, the Academy of Sciences of the Czech Republic (represented by the J. Heyrovský Institute of Physical Chemistry), the Czech Technical University in Prague, Charles University, and the Ioannes Marcus Marci Spectroscopic Society.

Please note that the meeting begins on Tuesday, August 30th in the morning and ends on Saturday, September 3rd at lunchtime. This conference concept will typically have you arrive in Prague on Monday, August 29th in the afternoon/evening.

Prague, the capital of the Czech Republic, is a first-rank European cultural centre. It is not only a historical city with an extensive legacy of gothic and baroque cultural treasures, but also a modern metropolis with an infrastructure prepared to welcome several millions of visitors per year (see <http://en.wikipedia.org/wiki/Prague>).

Scientific program

So far, the following invited speakers have accepted the invitation:

JOSE-LUIS ALONSO Universidad de Valladolid, 47011 Valladolid, Spain	<i>To be announced</i>
PAOLA CASELLI Max-Planck-Institut für extraterrestrische Physik, 85748 Garching, Germany	<i>The Importance of High Resolution Molecular Spectroscopy in Astrophysics</i>
SHUIMING HU University of Science and Technology of China, Hefei, 230026, People's Republic of China	<i>Precise Line Parameters from Cavity Ring-Down Spectroscopy</i>
YASUHIRO OHSHIMA Tokyo Institute of Technology, Tokyo 152- 8551, Japan	<i>Creating and Observing Coherently Rotating/Vibrating Molecular Ensembles</i>
CRISTOBAL PEREZ Max-Planck-Institut für Struktur und Dynamik der Materie, D-22761 Hamburg, Germany	<i>Getting Wet in the Gas Phase: Water Aggregates from Broadband Rotational Spectroscopy</i>
LEONID A. SURIN Institute of Spectroscopy, Russian Academy of Sciences, 142190 Troitsk, Moscow, Russia	<i>Millimeter-Wave Jet Spectroscopy of van der Waals Complexes and Small Clusters Containing Helium and Hydrogen</i>
NICHOLAS R. WALKER Newcastle University, Newcastle upon Tyne NE1 7RU, United Kingdom	<i>Broadband Rotational Spectroscopy of Metal- Containing Molecules</i>
TIMOTHY S. ZWIER Purdue University, West Lafayette, Indiana 47907-2084, USA	<i>Conformation-Specific Spectroscopy from the Microwave to the Ultraviolet</i>

In addition, during the conference the ceremonial Ioannes Marcus Marci Session, held under the auspices of Mayor of Prague, will take place in a historic lecture hall in the city centre. The

featured Ioannes Marcus Marci speaker is Professor Richard N. Zare, Stanford University. Other speakers at this event will be announced later.

Contributions, which will be presented partly as posters and partly as contributed lectures, 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.
- Experimental techniques for observing such spectra.
- Theory assisting the prediction, simulation, and interpretation of them.
- Applications in related fields such as the physics and chemistry of the atmospheres of planets and cool stars, the physics and chemistry of the interstellar medium, chemical kinetics, biologically important molecules in the gas phase or in matrices, combustion, cold molecules, metrology, etc.

Accommodation

Single and double rooms are available in student dormitories near the conference site. For participants who prefer to stay in hotels, we will attempt to provide rooms (see our [online preregistration form](#)). However, these hotels may be located some distance from the conference site. Meals will be available at the student cafeteria. During the conference there will be a reception, a chamber concert, excursions for accompanying persons etc.

2nd circular meeting information:

February 2016.

Deadline for final registration and submission of abstracts:

May 1st 2016.

Deadline for final reservation of accommodations:

June 1st 2016. See our [online preregistration form](#).

3rd circular with meeting information and directions:

June 2016.

Fees:

We estimate the total cost of participation to be about 22000 CZK (~ 820 €) which includes the conference fee 12000 CZK, accommodation (5 nights in a single room of a luxury dormitory) 6200 CZK, and meal package 3800 CZK, with a reduction of the conference fee for students and lower rates for accommodation in the standard dormitory and/or in double rooms. For estimated accommodation rates, see the [online preregistration form](#). More precise information will be given in the second circular with the registration form. In December 2015, 100 CZK (Czech crowns, Kč) is approximately equivalent to 3.08 EUR (€), to 4.1 USD (\$), and to 2.8 GBP (£).

WWW server:

The conference has a home page on the World Wide Web providing up-to-date information. Start browsing at URL

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

This page will be used to provide up-to-date information.

Preregistration:

You should preregister (i.e., signal your intent to participate in the conference and/or request the second circular) before **February 15th 2016**.

We would much prefer you to use the [online fill-out-form](#) that you can also access from our WWW home page for preregistration.

This is not only convenient for you, it also represents by far the easiest way for us to process your data.

If for some reason you cannot use the WWW fill-out-form, you should use the ASCII version of the preregistration form which you can get in the file [prereg2016.txt](#) on our [ftp server](#). You can fill it out with an editor and e-mail it to:

praha16@vscht.cz

You can of course also print out the ASCII form, fill it out and send it by paper mail to

PRAHA2016, c/o Professor Štěpán Urban
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For further information please contact:

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However please use the [online fill-out-form](#) if at all possible.

PLEASE NOTE THAT PREREGISTRATION DOES NOT REPLACE REGISTRATION! TO PARTICIPATE IN THE CONFERENCE, YOU SHOULD REGISTER USING THE REGISTRATION FORM THAT YOU WILL RECEIVE TOGETHER WITH THE SECOND CIRCULAR. THE REGISTRATION FORM MUST BE FILLED IN, SIGNED AND MAILED OR FAXED TO THE PRAGUE CONFERENCE ADDRESS.

PRAHA internet archive

The “International Conferences on High Resolution Molecular Spectroscopy”, also known as the “Prague meetings” or “PRAHA meetings”, have been taking place every even year since 1970. We have now collected a significant amount of material from all the PRAHA-series conferences. The historical material is available at the conference website, and we give here the link to it:

http://www.chem.uni-wuppertal.de/conference/archives/PRAHA_archive.pdf

The PRAHA internet archive is now relatively complete. It contains the programs, with all available abstracts, from all meetings in the series (No abstracts were collected for the first meeting in 1970). Also, there are at least a few photographs from each of the meetings. 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 that are not on the site already, we would be very grateful for them. Please scan them and send the resulting files to praha@uni-wuppertal.de together with a short note to jensen@uni-wuppertal.de announcing the arrival of the picture files. We will include them in the photo galleries even though it may take a while until we get around to doing so!