



HBond2023 conference, 11-15 September

**25th International Conference on
Horizons in Hydrogen Bond Research
and Graduate Research Day**

Bologna, Italy, September 11-15, 2023

<https://eventi.unibo.it/hbond2023bologna>

FREE PATRONAGE



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
DEPARTMENT OF CHEMISTRY
"GIACOMO CIAMICIAN"

SUPPORTED BY





HBond2023 conference, 11-15 September

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HBond2023 conference, 11-15 September

2nd circular April 2023

The 25th International Conference on "*Horizons in Hydrogen Bond Research*" will be held in Bologna in the buildings of the University in the city center and easily reached from the railway station or the airport.

Scientific contributions, which will be presented as contributed talks and posters, are invited. The meeting gathers scientists working in the field of hydrogen bonding research and other weak interactions, who study virtually all states of matter by a multitude of experimental and theoretical methods.

Note that the meeting begins on Tuesday, September 12th in the morning and ends on Friday September 15th at lunchtime. On the 11th of September the Graduate Research Day especially designed for PhD students will be held.

Additional information is available on the website:

<https://eventi.unibo.it/hbond2023bologna>

For information regarding the meeting the following address must be used:

spectrameet@unibo.it



HBond2023 conference, 11-15 September

KEYNOTE SPEAKERS

Pavel Hobza Czech Academy of Sciences	<i>What to call the interaction between a molecule with hydridic hydrogen and an electron acceptor?</i>
Pierangelo Metrangolo Politecnico di Milano	<i>Orthogonal hydrogen and halogen bonding in peptide self-assembly</i>
Henrik G. Kjaergaard University of Copenhagen	<i>Room temperature vibrational spectroscopy of atmospheric complexes</i>
Marta Mas-Torrent ICMAB-CSIC	<i>Morphology and polymorphism influence on the device performance</i>
Helen Fielding University College London	<i>UV photoelectron spectroscopy of liquids</i>
Daniele Fazzi (GRD) University of Bologna	<i>The fine interplay between weak interactions and response properties in molecular materials</i>

INVITED SPEAKERS

Stephan Coussan University of Marseille	<i>Study of $CH_3 \cdots (H_2O)_n$ complexes. from $CH_3 \cdots H_2O$ to CH_3 in interaction with amorphous, cubic and hexagonal water ice. Atmospheric implications and nuclear risks.</i>
Michele Chierotti University of Torino	<i>Walking along the hydrogen bonds by solid-state NMR</i>
Fabrizia Grepioni University of Bologna	<i>Nature inspired crystal engineering: from interactions to applications</i>
Giovanni Bistoni University of Perugia	<i>Computational Insights into the role of hydrogen bonding in asymmetric organocatalysis</i>
Celia Fonseca Guerra Vrije Universiteit Amsterdam	<i>Discovering in silico the uniqueness of hydrogen bonding</i>
Francesco Zerbetto University of Bologna	<i>Hydrogen bond in knots</i>
Paola Bolognesi CNR ISM - Rome	<i>Cyclic dipeptides as intermediates "seeds of life"? An experimental and computational model</i>
Aloke Das Indian Institute of Science Education and Research (IISER) Pune	<i>Sequence dependent folding motifs of peptides: A comprehensive picture from condensed and gas phase studies</i>
Jacek Waluk Polish Academy of Sciences	<i>Nuclear quantum effects in intra- and intermolecular hydrogen bonds</i>
Silvia Alessandrini (GRD) University of Bologna	<i>Ab initio modeling of noncovalent systems in the gas phase: interaction energy and geometry</i>
Adriana Caracciolo (GRD) EPFL Lausanne	<i>Gas-phase and gas-surface interactions of atomic oxygen relevant for terrestrial and extraterrestrial atmospheres</i>
Ander Camiruaga (GRD) University of Paris-Saclay	<i>The role of water in sugar-peptide molecular recognition</i>



HBond2023 conference, 11-15 September

Conference Venue

The conference will be held in Bologna **within the historical city centre**, in buildings of the University of Bologna (via Andreatta, 8).

The local organization will be undertaken by the Dipartimento di Chimica “G. Ciamician” dell’Università in Bologna.

Bologna

Bologna, the capital of the Emilia-Romagna is a first-rank European cultural centre famous for its towers and lengthy porticoes. Dating back to at least 1000 BC, it is a historical city with an extensive legacy of Etruscan, Celtic, and Roman cultural treasures. It was a free municipality in the Middle Ages and later on part of the Papal States, up to 1860. Nowadays it is a modern metropolis with an infrastructure prepared to welcome more than a million visitors per year and home to world-renowned brands like Ducati, Lamborghini, Maserati and other high-tech companies. Bologna is one of the top cities in terms of quality of life in the country, ranked 1st out of 107 Italian cities in 2011. The university dates back to A.D. 1088 and is the first one formally established worldwide. It is also home to other universities such as the Bologna Centre of Johns Hopkins University.

For detailed information on the city of Bologna, visit:

<https://www.bolognawelcome.com/en>

<https://wikitravel.org/en/Bologna>

<https://www.360cities.net/area/bologna>

<https://en.wikipedia.org/wiki/Bologna>



HBond2023 conference, 11-15 September

DATES AND DEADLINES

Registration

Registration is now possible at the site:

<https://eventi.unibo.it/hbond2023bologna>

Please compile all the fields indicated in the Registration form and submit your abstract following the template given in the Registration details section.

An email will be sent to you after the reception of your form. After the 15th of May we will inform you about the acceptance of your abstract and your request of oral or poster presentation. We will also indicate the exact amount to be paid together with the bank transfer details. Please allow a few business days for this process and note that your registration is not considered final until we receive your bank transfer.

Abstract submission

The abstract for your presentation should be submitted as an attachment to the registration form following the indication on the form itself.

Those who would like to be considered for oral presentation must indicate their preference on the Registration form.

Authors of abstracts selected for oral communications will be required to give a presentation of 20 minutes (15 minutes talk + 5 minutes of questions) into the appropriate session.

Authors of abstracts selected for poster presentation will be required to set up their poster in a dedicated area.

The maximum size of poster boards is 120 cm (length) × 90 cm (width).

Deadline for submission of abstracts and registration form:

May 15st 2023

Deadline for payment for early bird fees:

June 30th 2023

3rd circular with meeting information program and directions:

August 1st 2023



HBond2023 conference, 11-15 September

Fees (VAT 0%)

Early Bird Fee (available until 30/06/2023)

delegate/student/accompanying person 500/300/250 €

Regular Fee

delegate/student/accompanying person 600/400/350 €

Graduate Research Day

(free for students attending the conference) 50 €

Early bird and Regular fee include:

Admission to the conference: plenary sessions, posters and oral presentations

Coffee breaks and lunches throughout the event

Conference Dinner on the 14th of September 2023

Conference materials

Certificate of attendance

Online access to the book of abstracts

Fees do not include accommodation (see subsequent section)

Registration fee can be paid only by bank transfer.

Participants from less favoured countries might apply for a discount if sufficient supporting funds are available.

Terms of Cancellation

Cancellations must be received by email. A 50 euro processing fee will be applied to refund requests made by August 11th 2023, eventual bank charges will also be deducted. Refunds will not be given for cancellations received after this date nor will they be given for failure to attend or unattended events. Refunds will be processed within 30 days of the conference under the condition that the appropriate banking information has been provided.



HBond2023 conference, 11-15 September

How to get to Bologna

Bologna, road junction of primary importance since Roman times, is today the center of a transport network of vital importance in Italy.

By car

Here is a crossroads of the major motorways linking Europe with the rest of Italy: the Autostrada del Sole (A1) Milan - Naples; the A13 to Ferrara, Padua, Venice and Trieste and the A14 towards the Adriatic coast (Rimini, Ravenna, Ancona, Bari).

By train

Bologna is the main Italian railway junction; a high-speed line connects it to Florence (37 minutes) Milan (65 minutes) Rome (2 hours and 22 minutes). Venice can be reached in less than an hour and a half.

By plane

Guglielmo Marconi International Airport, 10 minutes by Marconi express the electric monorail (connects the airport to the central train station) from the town centre, links Bologna with the main Italian and European airports. It is a major airport in Italy for the number of international destinations served, with a runway for flights with a range up to 5 thousand nautical miles and a modern technology for safety and environmental protection.

Parking

Bologna is like any big city; parking is difficult but there are many parking places. Parking in the city center is available, many are open 24 hours. One of the biggest parking garages in the city center is in Piazza VIII Agosto.

More general information on Bologna:

<http://www.bolognawelcome.com/en/>



HBond2023 conference, 11-15 September

ACCOMMODATION

Bologna is a touristic city with countless opportunities for accommodation. Nevertheless, options for a number of rooms have been taken by the Organizing Committee at hotels of different price categories within walking distance (max 15-20 min) from the venue.

Participants are kindly requested to make their own reservations. Indicated rates are only valid for reservations directly made to the hotel by phone, fax or e-mail or special link (when indicated) and mentioning the participation in the **25th International Conference on "Horizons in Hydrogen Bond Research"** or the deal with University of Bologna.

In the indicated prices, VAT is included but not the Tourist tax (4.00/3.00 Euro person/night)

More info on accommodation:

<https://www.bolognawelcome.com/en/accommodation-facilities>

Upper Business Class Hotels (****)

AEMILIA HOTEL****

Via G. Zaccherini Alvisi, 16 – 40138 Bologna, Italy; tel: +39 051 3940311
10% discount for reservation on hotel web site (after May 1st) using code **HBOND2023**
info@aemiliahotel.it; <https://www.aemiliahotel.it/it>

HOTEL SAN DONATO****

Via Zamboni, 16; 40126 Bologna; tel: +39 051 235395
10% discount for reservations on hotel website using code **UNIBO10**
info@hotelsandonato.it; <http://www.hotelsandonato.it/>

SAVOIA HOTEL REGENCY AND SAVOIA COUNTRY HOUSE ****

Via Del Pilastro, 2 - 40127 Bologna; Tel: +39 051 376 77 77
Easily reachable by car and well connected to the city center
10% discount for reservations mentioning the meeting
regency@savoia.eu; <https://www.savoia.eu/>



HBond2023 conference, 11-15 September

Mid-range Hotels(*)**

ZANHOTEL REGINA***

Via dell'Indipendenza, 51 - 40121 Bologna, Italy ; tel: +39 051 248878

Single room 90; Double room 120 euros; breakfast included

The hotel has reserved 15 rooms until 1/09/2023 on a “first come first served” basis.

Reservation code: **HBOND2023**

hotelregina@zanhotel.it; <https://www.zanhotel.it/hotel-regina-bologna>

HOTEL ACCADEMIA***

Via delle Belle Arti, 6; 40126 Bologna, Italy; Tel: +39 051 232318;

Single room 70-95 Euros; Double room 95-120 euros; breakfast included; free WIFI; private parking

Posted rates upon mentioning of the Department of Chemistry “G. Ciamician” or the meeting

hotelaccademia@hotelaccademia.it; <http://www.hotelaccademia.com/>

HOTEL UNIVERSITY***

Via Mentana, 7; 40126 Bologna, Italy; Tel: +39 051 229713

10% discount for reservation mentioning the meeting

info@hotel-university.com; <http://www.hoteluniversitybologna.it/>

HOTEL LIBERTY 1904***

Via Massarenti, 98/c – 40138 Bologna Italy; +39 051 3767574

10% discount for reservation mentioning the meeting

info@hotellibertybologna.eu; <https://www.hotellibertybologna.eu/it/index.html>

ResArt IACOMUS (residency)

Via Riva Reno, 57, 40122 Bologna, Italy; Tel. +39 051 6566285

Single room 80 euros; double room 100 euros; No breakfast included

10 single rooms reserved for participants

g.luciani@resartbologna.it; <https://www.resartbologna.it/>