



The National Institute of Standards and Technology (NIST), in conjunction with the Consultative Committee for Mass and Related Quantities (CCM) and Technical Committee 16 (TC16) of the International Measurement Confederation (IMEKO), proudly presents the

2023 CCM & IMEKO International Conference on Pressure and Vacuum Metrology

About the Conference

The **CCM International Conference on Pressure and Vacuum Metrology** is the world's leading conference on measurement related issues in the pressure and vacuum field. Its purpose is to review research and developing work on the highest quality primary standards and the dissemination of traceability to the most exacting and demanding users in the range from 10^{-9} Pa to 10^{10} Pa.

The **IMEKO TC16 International Conference** on pressure measurement focuses on the more practical aspects of pressure and vacuum measurement that are relevant to industries such as semiconductor processing, photovoltaic, coating, metallurgy, packaging, and pharmaceutical. It also focuses on research applications.

The CCM-WG PV (CCM Working Group on Pressure and Vacuum) holds an international meeting every 6 years to discuss issues relating to pressure and vacuum metrology. The meeting was last held in Pereira, Colombia in 2017.

We will hope you will join us in Washington DC on May 15-19th, 2023!

The conference will feature a one-day meeting of the CCM working group, followed by a two-day symposium. The conference will also feature a poster session and vendor exhibition. Additionally, there will be an optional training workshop.

Call for Abstracts

The conference is calling for abstracts on pressure and vacuum topics including:

- Quantum realizations of pascal
- Dynamic pressure measurements
- Pressure standards and intercomparisons
- Vacuum standards and intercomparisons
- Mass spectrometry and primary leaks
- Pressure and vacuum sensors
- Recent, novel, and new advances in pressure and vacuum technology

The abstract should be a minimum of 300 words. Presenting author should be indicated with bold text and should include a contact email address. Extended abstracts (2-4 pages) will be requested after the conference and will be published in an IMEKO's online journal.

Conference and proceedings are in English.

Dates

February 17 th , 2023	Registration Opens for all participants
March 15 th , 2023	Abstract Submission Deadline
April 1 st , 2023	Abstract Acceptance Notification
May 15 th , 2023	Training Seminar (at NIST)
May 16 th , 2023	CCM Working Group Meeting
May 17 th -18 th , 2023	Conference/Poster session/Vendor exhibit Dates
May 19 th , 2023	Visit to NIST and other sites (optional)
June 30 th , 2023	Extended abstract submission deadline

Costs

Registration	Not to Exceed (NTE) \$925**
Vendor Exhibition Table	NTE \$925**
Optional excursion to NIST/site	To be Determined

Cost for participants: conference materials, admission to all sessions, coffee breaks, lunches, and Gala dinner (cash bar).

Vendor Information

Vendors wishing to exhibit at the conference should send an email to ccm2023@list.nist.gov that includes the following information:

- Company name
- Product area (i.e. pressure gauging)
- Address

Vendor registration includes:

- 1) Exhibition space (3 x 2 m), 6' table, chairs, wireless internet access, exhibition space in room with coffee break/Poster area.
- 2) One full Conference Registration
- 3) Company Name in Exhibitor List on the Conference Website

Venue

The Conference will take place at the Hilton Rockville Hotel & Executive Meeting Ctr, which is located 20 minutes from Washington DC, USA. The hotel is located with convenient access to the subway system and all of the DC area tourist attractions.



ACCOMMODATION:

The Conference, Exhibition, Reception and Gala Dinner will be held at the Hotel. Hotel rooms are reserved for the Conference at a per diem rate (or below):

- King/Double room: Not to exceed Government Per Diem \$258 USD**

HOW TO BOOK: The hotel will provide a link to book hotel reservation directly on their website. This link will be available when registration is open (February 2023).

Contact Info

Conference website:

<https://www.nist.gov/news-events/events/2023/05/2023-ccm-imeko-tc16-7th-international-conference-pressure-and-vacuum>

Abstract submissions should be submitted on the conference website. For issues submitting an abstract please contact us using the below addresses.

Conference E-mail: ccm2023@list.nist.gov

Registration issues: pauline.truong@nist.gov

Technical questions: jacob.ricker@nist.gov

**NOTE: These costs have not been finalized and the maximum possible rate is listed here. Once the hotel contract is signed the final rates will be provided.