



**XI INTERNATIONAL SYMPOSIUM “METROLOGY 2021”
IN VIRTUAL MODALITY
Second Announcement**
**Measurements are a guarantee for the economy, trade
and public safety**



Esteemed colleagues:

The pandemic currently affecting us all has imposed the reconsideration of our methods and ways of living and working and the use of the wide range of possibilities that a virtual environment provides. In this connection, the National Bureau of Standards (NC) and the Ministry of Science, Technology and the Environment (CITMA) are announcing herein the XI International Symposium “Metrology 2021”, to be held in virtual modality on December 16 and 17, 2021.

“Metrology 2021” will take place on the virtual event platform FEVEXPO of the Cuban computer application enterprise DESOFT. It is intended to facilitate the exchange of experiences among executives, experts, specialists, technical staff, academics, businesspersons, producers, importers and marketers directly engaged in metrological activity.

Organizing Committee “Metrology 2021”

ORGANIZING COMMITTEE

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Support

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TOPICS

- Metrology in the Quality Infrastructure
- Legal Metrology and its fields of application
- Measurement traceability and uncertainty
- Calibration and testing laboratory accreditation
- University-Enterprise-Metrology research center connection
- Metrology and the digital transformation
- Metrology and the environment
- Chemical metrology
- Measurements in health and biotechnology
- Measurements in the field of energy
- Nuclear measurement and technology

SCIENTIFIC PROGRAM

Outstanding personalities of worldwide Metrology will deliver keynote lectures on topics of interest to the metrological community, and there will be thematic workshops and pre-congress courses. Selected papers will be presented through recorded videos, posters and scientific articles.

KEYNOTE LECTURES

- **Dr. Martin Milton, Director of BIPM**
Comparable Measurements for a Digital World
- **Dr. Roman Schwartz, President of CIML-OIML**
Development of the OIML Certification System (OIML-CS) – Benefits, current situation and perspectives
- **Dr. Prof. Joachim Ullrich, President of PTB and Vice president of CIPM**
The revised SI for innovation, science and the second quantum revolution
- **Dr. Valery Hurevich, Director of BelGim, President of COOMET**
About the current activities and development strategy of COOMET
- **Dr. Ing. Héctor Laiz, Metrology, Quality and Environment Manager, INTI, Argentina**
Vigilancia de Mercado [Market surveillance]
- **Dr. Fang Xiang, Director of NIM, China**
Measurements on the field of nanotechnology - Overview and researches of NIM



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PROFILE OF PARTICIPANTS

Specialists, metrologists, academics, businessperson, managers, producers, technologists, importers and marketers of measuring instruments and systems, as well as any other staff involved in Metrology.

Official languages: Spanish and English

REGISTRATION FEES

Cuban speakers	1000.00 CUP
Cuban speakers via online:	1500.00 CUP
Foreign speakers via online:	150.00 USD

Fees include:

Virtual participation through the FEVEXPO platform, including access to the documentation of Symposium; digital record of participation and/or presentation of paper; granting of relevant academic credits

General information

Before the International Symposium, **between November 18 and December 10**, speakers and delegates must register through the platform on the URL: <https://www.metrologiacuba.zoom.cu> and, effect payment online following the instructions provided on the FEVEXPO platform itself once their participation is approved. After said payment, they will receive an e-mail with the link to access the virtual platform of the event and, subject to the relevant requirements, their digital certificate and the memoirs of the Symposium with ISBN registration.

PRE-EVENT COURSES

On December 14 and 15, within the framework of the Symposium, the National Metrology Research Institute (INIMET) will provide the following pre-event courses online through the aforesaid FEVEXPO platform.

- Transition to NC ISO/IEC 17025:2017
- Impact of the redefinition of the SI base units

You can register and pay for these courses through the platform **before December 10, 2021**.

FEES FOR PRE-EVENT COURSES

Cuban attendees online:	500.00 CUP
Foreign attendees online:	80.00 USD

SPONSORS



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If you are interested in sponsoring the Symposium, please contact the Organizing Committee through the established channels. We thank you beforehand for your support and cooperation.

According to their form of participation, speakers, delegates and trainees will receive an e-mail with instructions on how to access FEVEXPO, from where they can get the list of users provided by the platform itself to guarantee a full experience, during both the registration process and the Symposium.

CONTACT PERSONS IN CUBA

Lic. Elina González Labrada

Secretaria Ejecutiva del Comité Organizador
Oficina Nacional de Normalización
Calle E, No. 261, entre 11 y 13, Vedado, La Habana
Tel.: (53) 7830-0769
E-mail: elina@ncnorma.cu
Web: www.ncnorma.cu

MSc. Alejandra Regla Hernández Leonard

Secretaria del Comité Científico
Consulado 206, e/ Ánimas y Trocadero Centro Habana, La Habana
Tel.: (53) 7864-3360 y 7862-3041 al 44
E-mail: metrologia2021@inimet.cu; alehl@inimet.cu

Ing. Lisset Lima Oliva

Soporte Técnico a la plataforma Fevexpo, DESOFT- Habana
Calle 24 No. 408 e/. 23 y 25. Plaza de la Revolución
Tel.: (53) 5996-8762
E-mail: lisset.lima@desoft.cu