



“METROLOGY FOR A DIGITAL, SUSTAINABLE AND CLEAN INDUSTRY”

Date: 25th February 2021
Time: 17:00 h a 20:00 h

EU Industry Week
2021

#EUIndustryWeek

The digital transformation of society and specially that of the industry, requires a multifocal action in which measurable parameters and reliable data are key pieces for an effective transformation. This is where metrology plays a decisive role and it has to go along with this digital transformation. National metrology institutes have to update themselves, pushing with it the simplification and standardization of their processes, the increase of their efficiency and transparency and, simultaneously, increasing their offer with new digital services. All services provided and their outcomes must be, among other things, a) digital by default (able to be read automatically by electronic devices), b) interoperable by default and c) reliable and safe.

At the same time, the transformation of industry and society must be based on the use of clean and renewable energies. Here, once again, the contribution of metrology is paramount. Metrology shall support and accompany the design and development of affordable, efficient and non-polluting energy systems such as: electric vehicle charging stations; alternative fuels (biogas) and renewable energy (such as solar thermal and wind energy, where metrology guarantees traceability in temperature, flow or torque among others). Equally relevant is the development of reference materials for the determination of impurities and the research of physicochemical properties related to the development of hydrogen batteries.

Place: On-line (webinar)

Date: 25th February 2021

Time: 17:00 – 20:00

Host: Centro Español de Metrología

Partners:

- Ministerio de Industria, Comercio y Turismo,
- Comisión Europea,
- PTB,
- Tekniker,
- ZIV.

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Agenda: Lectures - Speakers

This webinar, with the participation of experts from the EU, industry, universities and national metrology institutes, will analyse digitization related to the use of clean and sustainable energies. All speeches will be in English.

Measures adopted for the reactivation of the industry. Short and medium term perspectives

Raúl Blanco

General Secretary for Industry and SMEs (Ministry of Industry, Commerce and Tourism).

R&D in metrology, companion of solutions to social challenges and support to the industry. New EMN program, a current decision for the future

Gustaf WINROTH

Research Programme Officer European Commission.

Digitalization of industry in the field of Industry 4.0.

Unai Mutilba

Tekniker.

Digitalization in the field of national metrology institutes.

Thomas Wiedenhoefer

PTB (Germany).

The example of the Centro Español de Metrología (Spanish National Metrology Institute). Current practical examples

M^a Nieves Medina

Centro Español de Metrología.

The need of a cloud infrastructure for the digital transformation of metrology in Spain.

Carlos Yuste

Expert in digitalization and information systems.

Metrology as a support element in electro-mobility.

Javier Díaz de Aguilar

Centro Español de Metrología.

Electric vehicle charging stations. Use cases and applicable regulations.

Jose Ignacio Latorre

ZIV.



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WEBINAR

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FREE registration. Please, confirm attendance before 20th February 2021

FOR REGISTRATION - CLICK HERE 

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CEM CENTRO ESPAÑOL DE METROLOGÍA

NIPO: 113210039

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