



## DYNAMIC MEASUREMENT and FACTORY of the FUTURE during CIM 2017

The International Congress of Metrology will take place alongside the ENOVA trade fair in Paris from 19 to 21 September 2017.

The event has a technological slogan "**Measure and Create the future**" and addresses measurement topics in 3 directions: processes, techniques and prospects.

The round table session entitled "Dynamic Measurement and Factory of the Future" will demonstrate the contribution of metrology.

The digital factory is flexible, automated and interconnected.

This industrial revolution corresponds to a development of current industry using new technologies. The redesign of how production works also involves product personalisation, "right first time" production, smaller runs and even single products. This is possible thanks to the use of measurement flows, but also to digital interaction between people and products.

The product is tracked and managed to the maximum throughout its production based on its characteristics. This communication involves sensors, controllers ... a whole measurement process that is completely integrated and interconnected to converge the information towards the optimum manufacturing.

Measurement thus becomes dynamic, meaning that parts are measured during the flow of production. This avoids the interruption of the production process by checking the parts, even if they are moving, as far as possible.

**Metrology becomes proactive, at the heart of production, and enables its optimisation.**

Other round table sessions are scheduled on the following topics: « **Drone-based inspection** », « **Conformity declaration and new ISO 17025** », « **Progress on nano scale measurement** ».

And many other topics are planned: optical agile measurement, data metrology, IA, metrology 4.0, health and radiotherapy ...

The 2017 CIM is organised in conjunction with ENOVA, the trade fair for Electronics, IoT, Measurement, Vision and Optics, and the Metrology Village will bring together the following companies:

A+ METROLOGIE, ACALIME, AFNOR GROUP, AEROMETROLOGIE, AMETEK, AUTOMATED PRECISION EUROPE, BEA METROLOGIE, BEAMEX, BRONKHORST France, BRUKER, CARB & DIAM et DINO-LITE, CETIAT, CETIM, COFRAC, CONTROLES-ESSAIS-MESURES, CZECH METROLOGY INSTITUTE, DELTA MU, DIMELCO, E+E ELEKTRONIK, E2M, ELEXIENCE, EOTECH, EURAMET, EURO THERM AUTOMATION, FELIX INFORMATIQUE, FENSOR, FURNESS CONTROLS, GE MEASUREMENT & CONTROL, GUIDLINE INSTRUMENTS, HBM, HEXAGON MANUFACTURING INTELLIGENCE, IMPLEX, INSAVALOR, INSIDIX, JRI, KAMBIC, KIMO INSTRUMENTS, KREON TECHNOLOGIE, LABORATOIRE NATIONAL DE METROLOGIE ET D'ESSAIS, MANUMESURE, MBW CALIBRATION, MEATEST, MB ELECTRONIQUE, MEGGIT, MESCAN, METROLOGIC GROUP, METTLER TOLEDO, MICRO EPSILON France, MI-EUROPE, MITUTOYO, NIKON METROLOGY, NPL, OLYMPUS, OROS, PCB PIEZOTRONICS, POLYWORKS EUROPA, PRESYS INSTRUMENTS, RADWAG BALANCES & SCALES, SANTEC, SCAIME, SEMATEC, SPF Economy, STIL, SIKA France, TESTO INDUSTRIAL SERVICES, TRESICAL, TUBITAK, WIKA INSTRUMENTS, WIMESURE, WERTH MESSTECHNIK France.

The Platinum Partner of CIM 2017 is **TRESICAL**.

The other sponsors of the congress are **CETIAT, Hexagon Manufacturing Intelligence, Implex and Polyworks Europa**.

**Plus d'infos** : 04 67 06 20 36 [info@cfmetrologie.com](mailto:info@cfmetrologie.com) [www.cim2017.com](http://www.cim2017.com)