

# Metromest

International Conference on  
Industrial Dimensional Metrology

15<sup>th</sup>  
ANNIVERSARY  
Edition

10 + 11 + 12  
APRIL  
2019  
Bilbao / SPAIN

www.metromest.org

April **10** Abril

08:30 - 09:00	Registration + Coffee
09:00 - 11:30	<b>TUTORIAL 1</b> Towards Intelligent Manufacturing Toni Ventura-Traveset   Datapixel (Spain)
11:30 - 12:15	Coffee Break
12:15 - 12:30	OPENING
12:30 - 13:30	<b>KEYNOTE</b> QIF – Enabling Interoperable Manufacturing and Quality throughout Supply Chain Ray Admire   QIF Solutions / DMSC (United States)
13:30 - 15:00	Lunch · Jauregia Restaurant
15:00 - 17:00	<b>TRACK 1 · Industrial Metrology Applications</b>
15:00 - 15:30	Automatic multispectral inspection system for corrosion and coatings Bart Ribbens   University Antwerp (Belgium)
15:30 - 16:00	Future Directions in Hot Metrology and Non Destructive Testing for Additive Manufacturing William Kerr   Advanced Forming Research Centre (United Kingdom)
16:00 - 16:30	Micro Coordinate Measurement Machine (mCMM) using voice coil actuator with interferometric position feedback Gabor Molnar   PTB (Germany)
16:30 - 17:00	Towards superresolution surface metrology Samanta Piano   Nottingham University (United Kingdom)
17:00 - 17:30	<b>SPECIAL LECTURE 1</b> Manufacturing on Demand Philip Hewitt   Autodesk (United Kingdom)
17:30 - 18:30	<b>TRACK 2 · Instrumentation and Calibration</b>
17:30 - 18:00	Practical ways for ensuring the validity of measurements results Adriana Valcu   Regionale Directorate of Legal Metrology (Romania)
18:00 - 18:30	Assessment and selection of existing methods for calibrating coordinate measuring machines Yuliia Skovorodkina   National Scientific Center Institute of Metrology (Ukraine)
20:30 - 23:00	Conference Banquet · Sociedad Bilbaína

\*Simultaneous translation of all presentations will be made available to all attendees. / Todas las presentaciones tendrán traducción simultánea.  
\*The organization reserves the right to reschedule, add or cancel presentations. / La organización se reserva el derecho a modificar horarios, añadir o cancelar presentaciones.

April **11** Abril

08:30 - 09:00	Registration
09:00 - 11:30	<b>TUTORIAL 2</b> Intelligent Measuring in MH Ainhoa Etxabarri   Unimetrik (Spain)
11:30 - 12:15	Coffee Break
12:15 - 13:15	<b>TRACK 3 · Advanced Calibration</b>
12:15 - 12:45	Equipment calibration, qualification and validation, the customer's role Jan Lason Andreassen   Novo Nordisk (Denmark)
12:45 - 13:15	Calibration technology for tomography Jon Martin & Naiara Ortega   Innovalia & UPV/EHU - CFAA (Spain)
13:15 - 15:00	Lunch · Jauregia Restaurant
15:00 - 16:30	<b>TRACK 4 · Metrology 4.0</b>
15:00 - 15:30	Adalam: Developing an adaptive laser micromachining system Silvia de la Maza   Innovalia (Spain)
15:30 - 16:00	Computer Aided Technologies for Additive Manufacturing – CAxMan Jean-Claude Morel   Topsolid (France)
16:00 - 16:30	Integrated Information for Improved Quality Demonstrators Toby Maw   MTC (United Kingdom)
16:30 - 17:00	<b>SPECIAL LECTURE 2</b> The design and fabrication of the Multi Link Inspection tool Gabriele D'amico   F4E (Italy)
17:00 - 19:00	<b>TRACK 5 · Industrial Metrology Solutions</b>
17:00 - 17:30	Hybrid active control devices with transparent and high-strength tips for contact and non-contact measurement of product sizes with discontinuous surfaces Evgeny Leun   Lavochkin Association (Russia)
17:30 - 18:00	Nanoanalysis for the semiconductor industry Narciso Gambacorti   CEA (France)
18:00 - 18:30	A systematic approach to metrology for additive manufactured components for advanced industrial applications Paul Bills   EPSRC Future Metrology Hub (United Kingdom)
18:30 - 19:00	Extrinsic calibration and kinematic modelling of a laser line triangulations sensor integrated in an intelligent fixture with 3 degrees of freedom. Ahmed Chekh   Tekniker (Spain)
19:00 - 19:30	<b>ROUND TABLE + CLOSING</b>

April **12** Abril

08:30	Departure from Euskalduna Conference Centre
09:00 - 10:00	Trip to the winery + Welcome
10:00 - 11:00	<b>Metrology in Races</b>
10:00 - 11:00	Importance of Metrology in the bike racing field Sara García   MSI (Spain)
11:00 - 11:30	Coffee Break
11:30 - 13:30	<b>TUTORIAL</b> Newest Intelligent Metrology Features
13:30 - 13:40	CLOSING
13:40 - 14:20	Winery Tour
14:30 - 16:00	Lunch
16:00 - 17:00	Journey back to Bilbao

Metromest  
and Wine

In this 15th anniversary edition of Metromest we will have an extra day focused on the role of Metrology in the racing field. On April 12th Metromest will give you the opportunity to discover some real applications and metrology developments for the racing world while discovering the secrets of a true Spanish Winery.

En la edición 15 aniversario de Metromest contaremos con un tercer día lleno de sorpresas focalizado en el papel de la Metrología en el mundo deportivo. Durante el 12 de abril, te damos la oportunidad de conocer aplicaciones reales de Metrología en el sector más competitivo mientras descubres los secretos de una típica bodega española.