

Metromeet

13th International Conference on
Industrial Dimensional Metrology

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www.metromeet.org

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22 + 23 + 24
MARCH
► 2017 ◀
Bilbao / SPAIN

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2017

Keynotes

Aleksei Resetko / PwC

The future of Big Data in Industry 4.0

Aleksei Resetko is Director at PwC Germany in the Security & Technology Solutions department. He received his Master of Science in Economics degree from the University of Heidelberg and gathered more than 16 years of Work Experience since then, seven of which he spent at PwC with focus on Compliance, Digital Trust, Cloud Computing and Internet of Things Security. Aleksei is also a Certified Information Systems Auditor (CISA) and Certified Information Systems Security Professional (CISSP) and is Chairman of the Working Group "Certification" at Industrial Data Space Association.



Aleksei Resetko es el Director de Seguridad y Soluciones Tecnológicas de PwC Germany. Tiene un Master en Ciencias Económicas en la Universidad de Heidelberg y cuenta con 16 años de experiencia, de los cuales 7 los ha dedicado al ámbito de la confianza digital y la seguridad del Internet de las Cosas. Aleksei es, además, Auditor Certificado en Sistemas de Información, Profesional Certificado en Seguridad de Sistemas de Información y director de un equipo de trabajo en la Industrial Data Space Association.

Serafeim Moustakidis / CERTH

Towards zero-defect Manufacturing: a machine learning approach



Ph.D. in Electrical and Computer Engineering from the Aristotle University of Thessaloniki (AUTH). Serafeim has wide experience in Computational Intelligence (CI) and data processing with more than 12 years of research experience in various fields. His main scientific interests cover various application fields such as Big Data, Biomechanics, Remote Sensing, Zero-defect manufacturing, Energy Optimisation and Non-Destructive Testing (NDT). Involved in the technical implementation, scientific or overall management of more than 24 R&D projects, he has also worked for several research organizations across Europe such as the CERTH and the NTUA among others.

Serafeim es Doctor en Ingeniería Eléctrica e Informática por la Universidad Aristóteles de Tesalónica (AUTH). Ha dedicado gran parte de su carrera a la Inteligencia Computacional (CI) y procesamiento de datos, con más de 12 años de experiencia en investigación en diversos campos. Sus principales intereses científicos abarcan áreas como el Big Data, biomecánica, teledetección, fabricación cero defectos, optimización de energía y ensayos no destructivos. Ha participado en la implementación técnica así como en la gestión general y científica de más de 24 proyectos de I+D. Ha trabajado para varias organizaciones de investigación en Europa como el CERTH y el NTUA, entre otros.

Useful Information Información útil

WiFi Password Contraseña WiFi

User: **invitado**

Password: **euskalduna**

Download the presentations Descarga de presentaciones

www.metromeet.org/presentations

User: **metromeet**

Password: **2017**

The Conference dinner will be held on Wednesday 22 at the Sociedad Bilbaína and will start at 8.30 PM

La cena de la Conferencia se celebrará el miércoles 22 en la Sociedad Bilbaína a las 20:30



Location
Dirección:

Calle Navarra 1
48001 Bilbao
Tel.: 944 231 407

Join the 14th edition of Metromeet

Register online
www.metromeet.org

Fees

- Metromeet Complete (3 days)
800€ + VAT
- Metromeet Conference (2 days)
600€ + VAT
- Metromeet Automotive&Wine (1 day)
250€ + VAT

Observations

(*) In agreement with Article 5 and concordant with the current Organic Law 15/1999, 13 of December, Protection of Personal Data (BOE, Character data num. 298, of 14-12-1999), the Innovalia Association, S.A., informs you that an automated file exists with data of a personal character, the purpose of which is to inform you about the activities of a divulgent, educational or scientific nature carried out by the company that may interest you.

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Ven a la 14^a edición de Metromeet

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Precio

- Metromeet Complete (3 días)
800€ + IVA
- Metromeet Conference (2 días)
600€ + IVA
- Metromeet Automotive&Wine (1 día)
250€ + IVA

Observaciones

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Discounts

The sooner you register the greater benefit you enjoy. We have a special discount for the ones who decide early:

- 25% discount on any registration made before 31st December 2017

If you belong to a "special" group as listed below, you can have a discount as well, and of course those discounts count all the time.

- 50% discount for students
- 20% discount for sponsors
- 15% discount for supporting exhibitors
- 10% discount for organisations

These discounts are not accumulative. If you apply more than one discount, only the biggest one will be taken into account.

Innovalia Association is proud to present the Programme of Metromeet 2017, the 13th edition of the European's leading Conference on Industrial Dimensional Metrology.

Metromeet is consolidated as a reference in an industry, which changes rapidly. This unique event which attracts world leaders in the field of Industrial Dimensional Metrology will bring you the latest news about digital & optical developments, metrological software, nano-technology and calibration standards. The most representative companies and organisms of the sector present annually in Metromeet, the state-of-the-art developments in Metrology.

Metromeet offers a complete, interesting and attractive Programme, which will help your company improve the quality and efficiency of your products and industrial processes.

La Asociación Innovalia se complace en presentar el Programa de Metromeet 2017, la 13^a edición de la Conferencia Internacional sobre Metrología Industrial Dimensional más importante de Europa.

Metromeet es una referencia internacional. Un evento único que atrae a los líderes mundiales en el sector de la Metrología Industrial Dimensional, que presentarán los últimos desarrollos digitales y ópticos, software metrológico, nanotecnología y estándares de calibración. Las entidades más importantes del sector presentan anualmente en Metromeet los avances más punteros del panorama metrológico anual.

Metromeet ofrece un Programa completo, atractivo e interesante, que ayudará a su empresa a mejorar la calidad y eficacia de sus productos y sus procesos industriales.

Tutorials

Daniel Campbell / Capvidia

QIF and the Future of Digital Metrology



Daniel Campbell is Director of Business Development at Capvidia, with a focus on Digital Metrology in the emerging MBE/MBD market. He was previously a Principal and Software Director at Metrosage for 13 years. Daniel has a solid foundation in software design and dimensional metrology. His interests in metrology have led him to lead various working groups on standards in this area for ANSI QIF. Daniel is currently the Chair of the ANSI QIF Working Group, and a member of the Board of Directors of the Dimensional Metrology Standards Consortium (DMSC).

Daniel Campbell es Director de Desarrollo de Negocio de Capvidia. Especializado en Metrología Digital en los mercados MBE/MBD, Daniel ha sido Director de Software en Metrosage durante 13 años, lo que le ha convertido en uno de los profesionales más reconocidos del sector, con un sólido conocimiento en desarrollo de software y metrología dimensional. Su interés en la metrología le ha llevado a liderar varios grupos de trabajo acerca de estándares y normas. Daniel es actualmente director del grupo de trabajo ANSI QIF, así como miembro de la Junta Directiva del DMSC (Dimensional Metrology Standards Consortium).

Toni Ventura-Traveset

Datapixel

Metrology 4.0 for industry 4.0



Toni Ventura-Traveset graduated as a Telecommunications Engineer (option: Electronics) at the Polytechnic University of Catalonia (UPC), Spain. Mr. Ventura-Traveset is founder and General Manager of DATAPIXEL in Spain. He is a member of the Executive Committee of the European Machine Vision Association (EMVA) and of some international committees working on standards, one of them is the OSIS committee (Optical Sensor Interface Standard) of the ia.cmm.

Toni Ventura-Traveset es Ingeniero Superior de Telecomunicaciones, especialidad en Electrónica. Es fundador y Director General de DATAPIXEL en España. Además, es miembro del Comité Ejecutivo de la European Machine Vision Association (EMVA). Miembro de varios comités internacionales de estándares, incluyendo el comité OSIS (Optical Sensor Interface Standard) de la ia.cmm.

March 22 Marzo

08:30 - 09:00

Registration + Coffee

09:00 - 11:15

TUTORIAL 1

QIF and the Future of Digital Metrology
Daniel Campbell / Capvidia (USA)

11:15 - 12:00

WATIFY Coffee Break + MetroLab

12:00 - 12:30

OPENING

12:30 - 13:30

KEYNOTE 1

The future of Big Data for Industry 4.0
Aleksei Resetko / PwC (Germany)

13:30 - 15:00

Lunch · Jauregia Restaurant

15:00 - 16:00

TRACK 1 · Industrial Metrology

15:00 - 15:30 Inspection for Additive Manufacturing
Philip Hewitt / Autodesk (United Kingdom)

15:30 - 16:00 Hybrid metrology: faster and more accurate measurement
Ainhoa Etxabarri / Innovalia Metrology (Spain)

16:00 - 17:00

TRACK 2 · Industrial Metrology Solutions

16:00 - 16:30 Implementation of a robustness test for mould validation
Lorenzo Carli / Novo Nordisk (Italy)

16:30 - 17:00 Software solutions for 3D Printing
Fernando Perales / Trimek (Spain)

17:00 - 18:00

KEYNOTE 2

Towards zero-defect manufacturing: a machine learning approach
Serafeim Moustakidis / Centre for Research & Technology Hellas (CERTH) (Greece)



20:30 - 23:00

Conference Banquet · Sociedad Bilbaína

March 23 Marzo

09:00 - 09:30

Registration

09:30 - 11:45

TUTORIAL 2

Metrology 4.0 for Industry 4.0
Toni Ventura-Traveset / Datapixel (Spain)

11:45 - 12:30

Coffee Break + MetroLab

12:30 - 13:30

KEYNOTE 3

Metrological requirements in astrophysical instrumentation
Juan Calvo / Institute of Astrophysics of the Canary Islands – IAC (Spain)

13:30 - 15:00

Lunch · Jauregia Restaurant



15:00 - 16:00

TRACK 3 · Laser Manufacturing and Measuring

15:00 - 15:30 Laser measuring machine for rubber seals
Corrado Luca Bottazzi and Giulio Barbato/ TENUTE SRL and Politecnico di Torino (Italy)

15:30 - 16:00 New multi-axis calibration technology
Laurence Rosser / Renishaw (United Kingdom)

16:00 - 18:00

TRACK 4 · Micro-Metrology Industrial Solutions

16:00 - 16:30 Results of EMRP-project "Multi-sensor metrology for microparts in innovative industrial products – Microparts"
Ulrich Neuschafer-Rube / PTB (Germany)

16:30 - 17:00 High-speed microscopy for industrial inspection
Niels Koenig / Fraunhofer IPT (Germany)

17:00 - 17:30 Development and validation of a ultraprecision Small Angle Generator
Aitor Olarra / Tekniker (Spain)

18:00 - 19:00

ROUND TABLE + CLOSING