

PROVISIONAL AGENDA

Thursday, 19th October 2017

8.30 to 9.00h Register and delivery of material

9.00 to 9.30h Official opening

Fernando Vázquez – Manager First Executive AIMEN Technology Centre
Jesús Lago – General Manager AIMEN Technology Centre

9.30 to 10.15h PLENARY SESSION

Laser cutting - a new application in nuclear decommissioning

Keynote Speaker : Paul Hilton - TWI

10.15 to 10.35h PLATINUM SESSION

BrightLine Weld: Spatter reduced high speed laser beam welding

Arnulf Klaiber - TRUMPF Maquinaria S.A.

10.35 to 11.30h Session 1: Laser Sources and Systems

New generation diode lasers for additive manufacturing and welding: more power and better beam quality

Santiago Pomposiello - Laserline GmbH

New high power pulsed fiber laser

Francisco Javier Jimeno - COHERENT ROFIN

ABB Remote laser welding PowerPac

Jakub Mzik – ABB s.r.o. – Robotics, Czech Republic

11.30 to 12.30h Coffee Networking & Stands Visit

12.30 to 14.00h Session 1: Laser Sources and Systems

Multi-core fiber laser: innovated joining solutions for welding & brazing

Joan Marsal – IPG Photonics Spain S.L.

Ultrafast lasers and innovative industrial applications

Julie Guer – Amplitude Systèmes

Advanced processing approaches for laser welding applications

Alexander Müller - II-VI HIGHYAG

New random trigger-feature for ultrashort-pulsed laser increases throughput, accuracy and quality in micromachining applications

Andreas Oehler - Lumentum Switzerland AG

Laser Metal Deposition – Innovative system technology for additive manufacturing processes with powder and wire

Markus Kogel-Hollacher - Precitec GmbH & Co. KG

VCSEL technology and its application in the ComMUnion Project

Günther Derra - Philips GmbH Photonics and Laura Mera - AIMEN Technology Centre

14.00 to 15.30h Lunch Networking

15.30 to 17.30h Sponsors' Session

19.45h Social Event

21.30h Dinner

Friday, 20th October 2017

TRUMPF ROOM

9.30 to 10.15h Session 2: Quality Control

In line metrology for quality control on dual sided wafer level optics

David Peña – Sensofar Metrology

High speed mid-infrared cameras for the monitoring and real-time control of laser processes

Germán Vergara - NIT, New Infrared Technologies S.L.

MWIR image for high speed control in Laser Metal Deposition processes

Verónica Panadeiro – AIMEN Technology Centre

10.15 to 10.45h Session 3: Sectoral Applications

The laser as a welding and corrective treatment tool of distortions on aeronautical structures of Ti alloy

Fidel Zubiri - LORTEK, S.COOP

INCO 718 brackets parts for aircrafts manufactured by Selective Laser Melting: processing parameters, thermal residual stress and distortion prediction and support design

Emma Gil – LORTEK, S.COOP

10.45 to 11.30h Coffee Networking & Stands Visit

11.30 to 13.00h Session 3: Sectoral Applications

Use of nanosecond and femtosecond laser systems in 5 axes for textured and micromachining

Raúl García – Microrelleus S.L.

Titanium and super alloys coating through laser cladding

Raimond Franch - TMCOMAS

Softened flanges in hot stamped parts for joinability improvement

Laura Galceran - GESTAMP - Autotech Engineering AIE

Biocompatible materials microstructuring with laser based on the Talbot effect

Maite Flores-Arias – Universidad de Santiago de Compostela

Modeling the future of production: the vision of the industry 4.0 from the additive manufacturing (3D Printing Industrial)

Javier Paluzie - EOS GmbH Electro Optical Systems | RMS Rapid Manufacturing Systems

Micromachining in glass applied in the industry

Audrey Champion - LASEA

LASER ROOM

9.30 to 10.45h Session 4: New Processes and Others

Application sweet spots for ultrafast lasers

Axel Wehling - COHERENT ROFIN

Large active laser safe cabinet window - Protection and visibility for multi-kilowatt-LASERsystems

Hans Christian Meedt – LASERVISION GmbH & Co.KG

Reduction of projection rate in 1micron high power laser welding

Serge Suzon - AIR LIQUIDE ESPAÑA

Effect of the focal laser height in coatings manufacturing through laser cladding

María Dolores Escalera – Universidad Rey Juan Carlos

Safety with ultra-fast and ultra-intense lasers

Rocío Alonso - PROCARELIGHT S.L.

10.45 to 11.30h Coffee Networking & Stands Visit

11.30 to 13.00h Session 4: New Processes and Others

Influence of process gases on laser welding

Javier Martín - The Linde Group

Laser Metal Deposition – Innovative system technology for additive manufacturing processes with powder and wire

Javier Lamas – Universidade de A Coruña

Lasers in composites - 25 years laser-based tape placement in Aachen: State of the art and current trends

Christian Kukla – Fraunhofer IPT

Surface oxidation of Titanium by cw-Nd:YAG laser

María José Tobar - Universidade de A Coruña

On-site manufacturing of Al / AlN composite material using laser technology

Pilar Rodrigo – Universidad Rey Juan Carlos

Laser arc hybrid welding on quenched and tempered high strength steels

Eva Vaamonde – AIMEN Technology Centre

13.00 to 13.15h Closing SALA TRUMPF

13.15 to 14.30h Lunch Networking

ORGANIZES



SPONSOR

