

Thursday, 25th of September 2014

8.30 to 9.00	Registration
9.00 to 9.30	Opening ceremony <ul style="list-style-type: none"> Mr. Fernando Vázquez - President. AIMEN Technology Centre Mr. Ignacio Imizcoz Echeverría - Responsible Laser Division. TRUMPF Maquinaria S.A. Mr. Luis Olóriz - Manager. Binzel Soldadura, S.L. Mr. Jesús A. Lago - General Manager. AIMEN Technology Centre

Plenary Session

9.30 to 9.50	Laser metal deposition as additive manufacturing process Mr. Antonio Candel Ruiz- TRUMPF Laser- und Systemtechnik GmbH
9.50 to 10.10	Increasing productivity thanks to guidance and monitoring in laser welding Mr. Thorsten Kimpel - Scansonic Ipt GmbH

Session 1: Laser Sources and systems

10.20 to 10.40	Diode lasers with more than 20kW power. Perspectives of applications in cladding and other surface treatment Mr. Andre Eltze- Laserline GmbH
10.40 to 11.00	New solutions for complex applications in laser marking Mr. Mikel Bengoa and Rafael Cano - Rofin-Baasel España, S.L. Sdad Unip
11.10 to 11.40	Coffee- break
11.40 to 12.10	Visit Stands
12.10 to 12.30	Industrial applications of fs lasers Mr. José Antonio Ramos de Campos - Lasea S.A., Laser Engineering Applications
12.30 to 12.50	Trepanning drilling of stainless steel using a high power ultrafast laser Mr. Rainer Kling - ALPhANOV
12.50 to 13.10	Fiber laser. Cutting and welding small and large structures Mr. Joan Marsal- IPG Laser GmbH
13.10 to 13.30	Marking solutions with laser technology Mr. José Salas- Panasonic Electric Works Mr. Eduardo Magdalena and Mr. Antonio Gómez- Vigo Systems
13.30 to 13.50	Design of a laser cladding head with variable spot size Mrs. María Angeles Montealegre- AIMEN Technology Centre
13.50 to 14.10	LASHARE - accelerated advance in technology readiness levels through laser based equipment assessment Mr. Ulrich Thombansen- Fraunhofer ILT
14.20	Lunch Time
15.30 to 18.00	Visit stands / Guided visit to AIMEN Laser Centre
21.30	Dinner and Social Event

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Friday, 26th of September 2014

Session 2: Industry-specific applications: aeronautical and metalmechanic - BINZEL Room

9.00 to 9.20	The effect of reusing inconel 718 powder in the properties of tanks manufactured using selective laser fusion Mr. Juan Bautista González- IK4-Lortek
9.20 to 9.40	Laser cladding of Ni-Wc layers with graded WC content Mr. José Manuel Amado Paz - Universidad de A Coruña
9.40 to 10.00	A coupled approach to weld pool, phase and residual stress modelling of laser direct metal deposition (LDMD) processes Mr. Mariano Esparcia- ESI Group
10.00 to 10.20	Metal powders & lasers, a view into the associated machine technology Mr. Hendrik Schonefeld- SLM Solutions Group
10.30 to 11.00	Coffee- break
11.00 to 11.20	Additive metal manufacturing: designing for process Mr. Iñigo Bereterbide- Renishaw Ibérica S.A.U.
11.20 to 11.40	Laser controlled machining of composites Mrs. María Ivette Coto - AIMEN Technology Centre
11.40 to 12.00	Refurbishing high-added-value rotors with laser cladding: applications and examples Mr. Raimond Franch and Mr. Jaume Nin - Talleres Mecanizados Comas, S.L.U
12.00 to 12.20	Developing the laser metal deposition technology to manufacture components in inconel 718 Mr. Fidel Zubiri- IK4-Lortek
12.20 to 12.40	Laser cladding of MCrAlY coatings on austenitic stainless steel Mrs. María José Tobar- Universidad de A Coruña

Session 3: Industry-specific applications: automotive - TRUMPF Room

9.00 to 9.20	Maintenance of laser welding equipments used in automotive welding Mr. Óscar García Ramiro- Peugeot Citroën Automóviles España S.A.
9.20 to 9.40	Assessment of fiber laser technology for welding of a new concept of heat exchanger for EGR systems Mr. Alberto Blanco- Borgwarner Emissions Systems Spain, S.L.
9.40 to 10.00	New laser joining technologies applied to usibor and aluminium Mr. Michel García- GESTAMP BIW
10.00 to 10.20	Technologies and tools for the robotization of laser applications Mr. José Ruíz- ABB Group
10.30 to 11.00	Coffee- break

Session 4: New processes and others - TRUMPF Room

11.00 to 11.20	Final results in repairing of solar cells by laser enabled silicon processing Mrs. Nerea Otero- AIMEN Technology Centre
11.20 to 11.40	Microdrilling with conventional fiber laser Mr. Aitzol Lamikiz- Universidad del País Vasco UPV/EHU
11.40 to 12.00	Fabrication and functionalization of biomedical microdevices Mr. Pablo Romero- AIMEN Technology Centre
12.00 to 12.20	Laser beam characterization for material processing applications Mrs. Eva Rodríguez-Vidal- IK4-Tekniker
12.20 to 12.40	Manufacturing bioactive ceramic coatings with laser cladding for orthopedic applications Mrs. María Ángeles Montealegre- AIMEN Technology Centre
12.40 to 13.00	Joining processes for dissimilar composite-metal materials based on laser technology Mrs. Maite Andrés- Fundación Tecnalia Research & Innovation
13.15	Closing - TRUMPF Room
13.30	Lunch Time