



A I&D NO CLUSTER ENGINEERING & TOOLING



Segunda, **01** Outubro 2018 | OPEN MARINHA GRANDE

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The Ultimate Driving Machine

10:00 Abertura

ENTIDADE		PROJETO	
EDILÁSIO	 I4M Inovação no micro MOLDE e micro MANIPULAÇÃO	I4M	Inovação no Micro Molde e Micro Manipulação
SIMOLDES	 SIMOLDES 4.0 Molde de injeção com visão artificial e sensorização inteligente	#SIMOLDES4.0	Moldes de injeção com visão artificial e sensorização inteligente
MOLDIT	 SAM smart active mould	SAM	Smart Active Mould
GLN	 additive MILLING Add Milling to Additive Manufacturing	Additive.Milling	Add Milling to Additive Manufacturing
SET	 flexcraft	FLEXCRAFT	Flexible Aircraft
VANGEST	 LaTch II	LaTch II	Lightweight Thermoplastic Composites II
IBER-OLEFF	 SIP	SIP	Sistemas de Iluminação Presenciais
RENAULT	 bop bomba óleo polímero	BOP	Bomba de óleo com componentes em polímero
FAMOLDE	 COOLGRAFENO	COOLGRAFENO	Grafeno como solução de arrefecimento rápido de (micro)insertos de moldes
3DTECH	 BePIM	BePIM III	Microdispositivos médicos com capacidades osteointegradoras por μ PIM
CENTIMFE	 TRANSCONTECH Centimfe	TRANSCONTECH	Transferência de conhecimento tecnológico no Cluster Engineering & Tooling

11:50 Networking e mostra

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UNDE THE HIGH PATRONAGE OF THE
PRESIDENT OF THE PORTUGUESE REPUBLIC





ADDITIVE MANUFACTURING TOWARDS THE MOULDMAKING CHALLENGE

Wednesday, October 03rd 2018 | CENTIMFE
MARINHA GRANDE



09:30	Participants reception
10:00	Welcoming
10:10	Additive Manufacturing (AM) technologies in mould-making and plastic processor companies - SAMT SUDOE project Alejandro Fernandez de Mera - CEIV
10:20	Technological Roadmap on Additive Manufacturing for the SUDOE Region Rui Soares - CENTIMFE
10:35	Keynote presentation - Additive Manufacturing Applications in Mouldmaking Jeremy Madow - DESKTOP METAL CODI
11:00	Coffee Break
11:25	Keynote presentation - Future advances in AM Pablo Cabal - PRODINTEC
11:50	Key advantages of AM - Demonstrators presentation Stéphane Gorsse - ICMCB Rui Soares - CENTIMFE
12:20	Session Closure
13:00	Network lunch: Addispace + Samt Sudoe CIATEQ - Enrique Villegas Valladares



SMART ACTIVE MONITORING AND NDT PART INSPECTION IN ADDITIVE METAL MANUFACTURING PROCESSES

Wednesday, October 03rd 2018 | CENTIMFE
MARINHA GRANDE



13:00	Network lunch : Addispace + Samt Sudoe CIATEQ - Enrique Villegas Valladares
14:00	Participants reception
14:15	Welcoming
14:30	CLAMIR: Closed-loop power control system for LMD and cladding processes Rodrigo Linares, NEW INFRARED TECHNOLOGIES
15:05	Real-time melt pool monitoring for process control in additive manufacturing Christos Theoharatos, COMPUTER VISION SYSTEMS, IRIDA LABS S.A.
15:40	How to ensure reproducible Laser Beam Parameters in Selective Laser Manufacturing processes Paulo Macedo, MTBRANDÃO
16:10	Coffee break
16:20	New approaches for NDT part inspection in additive metal manufacturing processes José Pedro Sousa, INSTITUTO DE SOLDADURA E QUALIDADE (ISQ)
16:50	Direct Energy Deposition (DED): challenges Tiago Leça, INEGI
17:20	Selective Laser Melting (SLM): challenges to produce qualified parts CEMPRE
17:50	Session Closure
20:00	Moulds Event 2018 Official Dinner - Batalha IAPMEI president - Nuno Mangas THE UNIVERSITY OF MANCHESTER - Paulo Bártolo



INNOVATIVE APPROACHES FOR LEARNING MOULDMAKERS SHARING EXPERIENCE

Wednesday, October 03rd 2018 | AUDITÓRIO RESINAGEM
MARINHA GRANDE



Co-funded by the
Erasmus+ Programme
of the European Union

14:00 Participants reception

14:30 Retaining mould makers experience

Alejandro Fernandez de Mera - CEIV

14:50 Practical recommendations and cases

Rui Soares - CENTIMFE

15:10 Practical study cases for mould design and manufacturing

Andreas Balster - KUNSTSTOFF-INSTITUT LÜDENSCHIED

15:30 Master class in mould-making design

Cayetano Reche - DiDes

15:50 Toolmakers' Talents – Networked Education for the next generation

Andreas Balster - KUNSTSTOFF-INSTITUT LÜDENSCHIED

16:20 Session Closure

20:00 Moulds Event 2018 Official Dinner - Batalha

IAPMEI president - Nuno Mangas | THE UNIVERSITY OF MANCHESTER - Paulo Bártolo