



Welcome to RPD 2016

Integrated in Moulds Event 2016, RPD 2016 intends to overcome the results achieved in the previous editions. RPD 2016 is an international knowledge exchange platform bringing to discussion who play an active role in the new industrial paradigm and in the Digitalization scene.

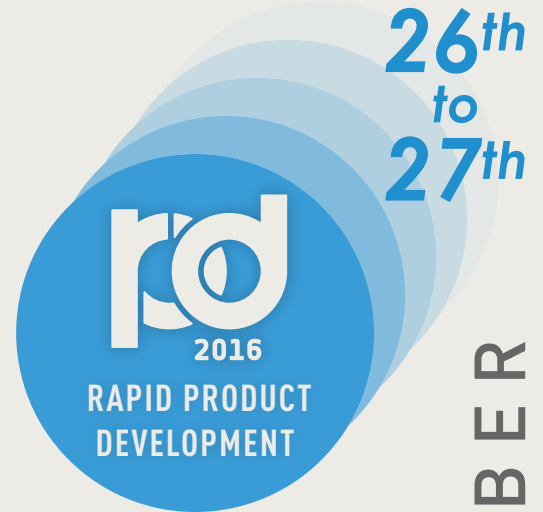
The competitiveness of Industry is based on its great flexibility in adapting to new technologies and market trends. The support for enterprises to improve their capacity and competitiveness can be achieved with the help new methodologies and technologies. Therefore, in order to present, discuss and evaluate the new and advanced Technology potentials and solutions, as well as user's recommendation for efficient processes and for designing the Industry of the Future, on 26th and 27th September 2016 will take place the RPD 2016, entitled "FoF / New Industrial Paradigm".

It will be a privileged forum for the discussion of themes as: Zero defect production, Human Centred Manufacturing, BIG DATA, DIGITAL TWIN, Automation and Robotics, Next generation Technologies, Connected and adaptive production, Cyber-physical systems, Smart Products, Prediction, Predictive Maintenance among others.

Learning and discussing with invited international specialists makes this RPD 2016 the conference to attend. RPD 2016 is also a very good occasion to find new business opportunities and to launch research collaborations and future projects. Its real experience and know-how regarding the use of new technologies will provide information for the companies to improve their competitiveness and create new innovation fields on this issue. More and more, Industry and Academia must work together and RPD 2016 is the conference to present perceptions and work done as well as to forge success partnerships and an opportunity to rethink your technology & business strategy.

We invite world class research teams and manufacturers to speak first-hand about successful projects, and we also invite Students, Researchers, Mould makers, Technicians and all community to participate!

RPD 2016 organising committee is counting on your contribution for the success of this event!



SEPTEMBER



PROGRAM

Monday 26th September 2016 | Auditório Centimfe
MARINHA GRANDE

RPD 2016 - FoF / New Manufacturing Paradigm



10:00 Participants reception

10:20 Welcome address | CENTIMFE

Information and Communication Technologies (ICT) in the Manufacturing Industry | CENTIMFE - Nuno Fidelis

10:30 Keynote Presentation | CIDAUT - Javier Romo Garcia
Challenges and opportunities of high performance thermoplastic processed by additive manufacturing

11:00 INCENTEA - Paulo Martins
Manufacturing Industry has new challenges, Can Information and Communication Technologies (ICT) help?

11:30 CRITICAL MANUFACTURING - Augusto Vilarinho
Industry 4.0 and Manufacturing Execution Systems

12:30 Lunch

Zero Defect Manufacturing | TECNALIA - Ricardo Bueno

14:30 Keynote Presentation | IPT FRAUNHOFER - Axel Demmer
Connected Adaptive Production - The Role of Manufacturing in Smart Production Environments

15:00 INSTITUTO SUPERIOR TÉCNICO - Carlos Carneira
Automatic Visual Inspection

15:30 UNIVERSIDADE DO MINHO - António Pontes
New approaches in mould production and moulding technologies for advanced products

16:00 Networking

16:30 INGERSOLL - Matthias Schmidt
More productivity through integrated processes - People, process and technology

17:00 IBER-OLEFF - José Valente
Smart Factory driven by Zero Defects goals

17:30 Closing words

21:30 Moulds Event 2016 Official Opening & Musical Event (*Banda Sinfónica ARMAB*)
Teatro José Lúcio da Silva - Leiria



PROGRAM

Tuesday 27th September 2016 | Auditório Centimfe
MARINHA GRANDE

RPD 2016 - FoF / New Manufacturing Paradigm



09:15 Official Event | OPEN / INSTITUTO POLITÉCNICO DE LEIRIA / PORTUGAL VENTURES

Connected, adaptive and flexible production

10:00 Keynote Presentation | EMBRAER - João Pedro Taborda
Flexible Production in Aeronautics Industry foreseeing Industry 4.0

10:30 MAKINO Iberia - Andreas Walbert
Industrie 4.0: requirements for the smart machine-tool from a manufacturer's perspective

11:00 VANGEST - Sérgio Martins
Fully automated process - the future today

11:30 Networking

12:00 NORTH KARELIA ADULT EDUCATION CENTER - Olli Hatakka
The key competences and skills needed in the working life of the future

12:30 EROFIO - Luís Santos
Metal Laser Sintering Applications in the Mouldmaking Industry

13:00 Closing words