

# JOINT INITIATIVE

Integrated in the official agenda  
of EMAF2021 Fair

## FORUM PRODUTECH | EIT MANUFACTURING | PRODUTECH SIF

EXPONOR Congress Centre, Room B4  
December 3rd, 2021

Co-financiado por:



# PROGRAMME

**09:30 - 10:00 PARTICIPANTS REGISTRATION**

**10:00 - 10:05 WELCOME ADDRESS | FORUM PRODUTECH**

**10:05 - 11:30 EIT MANUFACTURING STRAND**

*[Official language: English]*

*EIT Manufacturing is an Innovation Community within the European Institute of Innovation & Technology (EIT) – that connects the leading manufacturing actors in Europe. EIT Manufacturing brings together 67 European leading partners from business, education and research, from 17 countries.*

*This strand is organized by EIT Manufacturing CLC West and the Portuguese Members of EIT Manufacturing, namely, INESC TEC, INEGI, FEUP and SONAE and aims at disseminating EIT Manufacturing ongoing activities in Portugal and fostering further participation of Portuguese organizations in this innovation community (e.g. access to innovation opportunities and funding, embark on skills development actions and accede to venture support and investors).*

<https://eitmanufacturing.eu/>

**10:05 EIT MANUFACTURING – Leading global manufacturing innovation**

Antoni Pijoan – EIT Manufacturing CLC WEST

**10:20 UPSKILLING THE DIGITAL WORKFORCE**

Gil Gonçalves – FEUP

**10:35 DIGITAL TRANSFORMATION OF MANUFACTURING PROCESSES**

Daniel Pina – INEGI

**10:45 DATA-DRIVEN MANUFACTURING**

Américo Azevedo – INESC TEC

**10:55 EIT MANUFACTURING INNOVATION PROJECTS**

> ARTIFICIAL INTELLIGENCE SOVEREIGNTY

Ana Silva – SONAE and João Vinagre – INESC TEC

> PICK-A-FUTURE: quality control and food manipulation

Nuno Gouveia – SONAE and Élvio Ornelas – Logomark

**11:20 EIT MANUFACTURING BUSINESS CREATION SUPPORT**

André Godinho Luz - Infinity Foundry

**11:30 - 11:45 COFFEE-BREAK**

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## 11:45 - 12:10 GALACTICA STRAND

[Official language: English]

*GALACTICA European Project aims to bring Europe to the forefront of textile and aerospace industries, via the promotion of innovation and adoption of advanced production technologies. It establishes a community in cross-value chain cooperation towards innovation and it provides support and funding to SMEs to develop and demonstrate new solutions.*

*This strand will present the ongoing activities as well as the upcoming funding opportunities for SMEs under GALACTICA project. Listen to the testimony of one of the Portuguese awarded projects in the first Open Call and get inspired for the second call that will be launched in January.*

<https://galacticaproject.eu/>

### 11:45 GALACTICA project and upcoming funding opportunities for SMEs

Maria João Samúdio – PRODUTECH

### 11:55 GALACTICA funded project: Eco-friendly tiles for the aerospace sector

José de Almeida – FLOWCO

## 12:10 - 12:30 PIMAP+ STRAND

[Official language: English]

*Under the motto “Photonics for Advanced Manufacturing Plus”, the PIMAP+ European partnership establishes a cooperation between Photonics, Advanced Manufacturing, Steel and Aerospace Clusters, in a joint internationalization strategy. In the period 2020-2022, the PIMAP+ partnership is deploying internationalization actions, supporting SMEs, to expand their business and innovation in 4 main target countries: USA, CANADA, CHINA and JAPAN.*

*This strand aims to present the current activities and next actions to be deployed, enabling companies to embark in new ventures in these markets. Know more about the initiative and learn how to accede to the actions and market opportunities that the partnership is opening specifically to European SMEs.*

<https://www.pimapplus.eu/>

### 12:10 AN INTERNATIONALIZATION PARTNERSHIP BOOSTING PHOTONICS-ENABLED ADVANCED MANUFACTURING SOLUTIONS

Isabelle Tovená and Alithéa Lafaye – ALPHA-RHL

## 12:30 - 14:30 LUNCH-BREAK

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## 14:30 - 17:30 PRODUTECH SIF | CONFERÊNCIA ANUAL

[Official language: Portuguese]

O projeto mobilizador PRODUTECH SIF - Soluções para a Indústria do Futuro reuniu uma massa crítica de 47 parceiros, competências e capacidades, para o desenvolvimento e implementação de tecnologias de produção inovadoras, que responde às necessidades, tendências e requisitos de competitividade da Indústria Transformadora. Incorporou uma agenda de inovação para as tecnologias de produção, sistemas ciberfísicos e transformação da indústria.

Após 4 anos de desenvolvimento, este painel apresentará os principais resultados do projeto, os novos sistemas de produção desenvolvidos e a sua implantação em ambientes industriais de empresas da indústria transformadora. Saiba mais sobre as tecnologias e soluções desenvolvidas, conheça os factos e resultados relativos à sua implementação nas empresas industriais e avalie oportunidades e soluções para a transformação digital da sua empresa.

<http://mobilizadores.produtech.org/en/produtech-sif>

### 14:30 SESSÃO DE ABERTURA

PRODUTECH, CATIM, ANI\*

### 15:00 PPS1 - INOVAÇÕES DA PRODUÇÃO EM REDE NO PARADIGMA 4.0

CCG, VANGUARDA, CEI

### 15:15 PPS2 - TECNOLOGIAS BASE PARA SISTEMAS DE PRODUÇÃO CIBER-FÍSICOS

ISQ

### 15:30 PPS3 - FERRAMENTAS INTEGRADAS PARA AVALIAÇÃO DE EFICIÊNCIA E ECOEFICIÊNCIA NO CONTEXTO DA INDÚSTRIA 4.0

INEGI, MICROPROCESSADOR, SONAE MC, COLEP, SILAMPOS\*

### 15:45 PPS4 - DESENVOLVIMENTO, GESTÃO E MELHORIA DE SISTEMAS DE PRODUÇÃO CIBER-FÍSICOS

INESC TEC, SOFTI9, VANGUARDA, CRITICAL MANUFACTURING\*

### 16:00 COFFEE-BREAK

### 16:15 PPS5 - SOLUÇÕES DIGITAIS PARA O DESENVOLVIMENTO E GESTÃO DO CICLO DE VIDA DE PRODUTOS COMPLEXOS

INEGI, SISTRADE, JPM, SIRMAF

### 16:30 PPS6 - SISTEMAS DE MONITORIZAÇÃO ONLINE DE TÉCNICAS AVANÇADAS DE FABRICO & SISTEMAS DE CONTROLO DE MOVIMENTOS E AUTOMAÇÃO INTELIGENTE

INEGI, AZEVEDOS\*, RIBERMOLD, CEI

### 16:45 DEMONSTRADOR IDEPA 4.0

CATIM, IDEPA, SISTRADE

### 17:15 PRINCIPAIS RESULTADOS E CONCLUSÕES

CATIM

## 17:30 - 17:45 ENCERRAMENTO | FORUM PRODUTECH

PRODUTECH

\*to be confirmed / a confirmar

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