

# METAL ADDITIVE MANUFACTURING FOR AEROSPACE APPLICATIONS

ADDISPACE CONFERENCE | 21 FEBRUARY 2018, SEVILLE, SPAIN

**Interreg**  
**Sudoe**



EUROPEAN UNION

**ADDISPACE**

European Regional Development Fund

# CONFERENCE INFORMATION

Metal Additive Manufacturing (MAM) has shown a great potential for the development of high efficient applications for the aerospace sector. In the short history of the technology, several efforts have been performed in order to increase the maturity of different aspects like materials, design and optimization for MAM, fabrication systems (with higher deposition speed, more accurate and versatile, high repeatability, ....), inspections technologies and processes, etc. However, extensive R&D activities are still necessary in order to push the technology into maturity levels for its industrialization. In this workshop, different applications' cases and future trends for the industrialization of MAM technologies will be discussed. Also, an industrial perspective will be presented for the preparation of the MAM value chain.

The Conference is organized by ADDISPACE project, co-financed by the European Regional Development Fund (ERDF) in the framework of Interreg Sudoe programme.

ADDISPACE aims at the dissemination and transfer of metal additive manufacturing technologies to the aerospace sector in the SUDOE area, comprising Spain, Portugal and the South of France.

The Conference will hold in the afternoon a session where the resources and technological developments of ADDISPACE will be shared with aerospace companies. Aerospace companies and clusters from SUDOE area will also be able to arrange B2B meetings during the Conference when registering.

# PROGRAMME

21 FEBRUARY 2018



## 08:00 REGISTRATION

## 09:00 CONFERENCE

### OPENING CEREMONY

Olivier Larre - ESTIA, France | Fernando Lasagni - CATEC, Seville, Spain

Chairman: Dr. Fernando Lasagni

09:10 | Jorge Vilanova Calvo - AIRBUS DEFENCE & SPACE, Space Systems, Seville, Spain

09:40 | Guillermo Requena - DLR (German Aerospace Center) Institute of Materials Research, Cologne, Germany

10:10 | Fernando Lartategui - ITP AERO

10:40 | Jose Manuel Martín-Márquez - AIRBUS DEFENCE & SPACE, Tablada Factory, Seville, Spain

## 11:10 COFFEE BREAK

Chairman: Prof. Olivier Larre

11:40 | Marta García-Cosío - CITD Space Engineering & Technologies

12:05 | Esteban Celemín, Eduardo Lapeña - TRYO AEROSPACE, Madrid, Spain

12:30 | José Martín Bravo - ALESTIS AEROSPACE, Seville, Spain

12:55 | Iñigo Berertebide - RENISHAW IBÉRICA

13:20 | Rocío Núñez - PRINCIPIA (Dassault Systèmes)

## 14:00 LUNCH

## 15:00 ADDISPACE PRESENTATION

15:00 ADDISPACE Overview  
Olivier Larre. (ESTIA)

15:20 **Pilot 1** "Machining of additive manufactured parts - application case"  
Antonio Perrián (CATEC), Bruno Silva (MICRONORMA), Miguel José dos Reis Silva (IP LEIRIA)

15:40 **Pilot 2** "Showcase of Laser Metal Deposition for large structural parts"  
Miguel José dos Reis Silva (IP LEIRIA), María Mar Alcazar (GNC), Pierre Diaz (ESTIA), Filipe Coutinho (ADIRA)

16:00 **Pilot 3** "Wire based Additive Manufacturing for large parts"  
Philippe Verlet (VLM), Lexuri Vazquez (LORTEK), Pierre Diaz (ESTIA)

16:20 **Pilot 4** "Topology optimization of space hardware"  
Lexuri Vazquez (LORTEK), Antonio Perrián (CATEC), Filipe Coutinho (ADIRA)

## 17:00 VISIT TO CATEC HEADQUARTERS

### CLOSING

Fernando Lasagni - CATEC, Seville, Spain

## 15:00 B2B



online registration at: [www.addispace.eu/en/conference](http://www.addispace.eu/en/conference)

# Partners



ADDISPACE is co-financed by the European Regional Development Fund (ERDF) through Interreg Sudoe Programme.

