

## TARGET AUDIENCE

The programme offered is suitable for graduates in sciences and engineering, researchers, academics and industry professionals in manufacturing and advanced materials.

## REGISTRATION FEE

- **FEE:** 60 euros
- **Subject:** "DIMMAT SUMMER SCHOOL"
- **Contact:** [contabilidad.materiales@imdea.org](mailto:contabilidad.materiales@imdea.org)

Please fill-in the [FOLLOWING WEB FORM](#)

## VENUE

The summer school will take place at IMDEA Materials Institute on the 23<sup>rd</sup> and 24<sup>th</sup> of July. ([C/ Eric Kandel, 2 Tecnogetafe 28906, Getafe, Madrid, Spain](#))

## FURTHER INFORMATION

[www.dimmat-project.com/](http://www.dimmat-project.com/)



## CONTACT

Carlos Ortí Suárez

- Email: [carlos.orti@imdea.org](mailto:carlos.orti@imdea.org)
- Telf.: 91 549 34 22 (ext.: 1084)

## DIMMAT-CM PROJECT

**dimmat**  
multiscale design  
of advanced materials

THE DIMMAT PROJECT IS FUNDED BY THE MADRID REGIONAL GOVERNMENT AND BY THE EUROPEAN REGIONAL DEVELOPMENT FUND (ERDF)

R&D PROGRAM CAM TECNOLOGÍA 2013

Ref.: S2013/MIT-2775 (DIMMAT-CM)  
MULTISCALE DESIGN OF ADVANCED MATERIALS



UNIÓN EUROPEA  
Fondos Estructurales



## RESEARCH GROUPS



SUMMER SCHOOL 2018

ADDITIVE  
MANUFACTURING

July 23<sup>rd</sup> and 24<sup>th</sup>

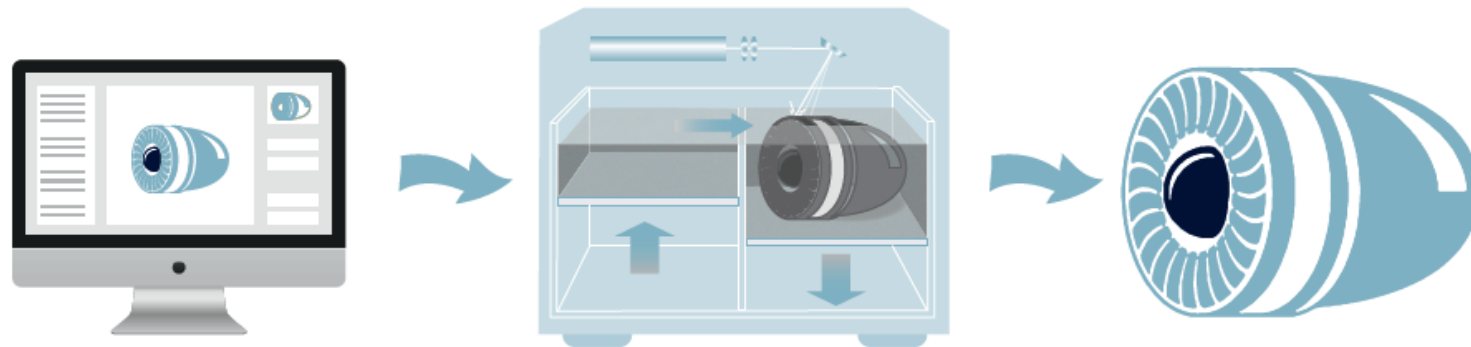
IMDEA MATERIALS INSTITUTE

**dimmat**  
multiscale design  
of advanced materials

**instituto  
imdea  
materiales**

**socie mat** sociedad española de  
materiales

**materplat** PLATAFORMA TECNOLÓGICA  
DE MATERIALES AVANZADOS  
Y NANOMATERIALES



## ADDITIVE MANUFACTURING



July 23<sup>rd</sup>

### SUMMER SCHOOL

9:45 // Arrival and welcome

*Dr. Teresa Pérez-Prado (DIMMAT-CM Coordinator)*

10:00 // Fabrication and characterization of metallic powders

*Dr. Mónica Campos (Universidad Carlos III)*

10:45 // Solidification of metals

*Dr. Damien Tournet (IMDEA Materials)*

11:30 // Coffee break

12:00 // Laser-matter interaction

*Dr. Antonio Riveiro (Universidad de Vigo)*

12:45 // Additive Manufacturing technologies

*Dr. Srdjan Milenkovic (IMDEA Materials)*

13:30 // Lunch

15:00 // Materials for additive manufacturing

*Dr. Carmen Cepeda-Jiménez (IMDEA Materials)*

15:45 // Post-processing treatments

*Dr. Ilchat Sabirov (IMDEA Materials)*

16:30 // Adjourn

July 24<sup>th</sup>

### INDUSTRY DAY

9:30 // Arrival and welcome

10:00 // SIEMENS PLM, Siemens Digital Factory

Keynote, *Dr. Omar Fergani*

10:30 // LPW TECHNOLOGY

*Mr. Ben Ferrar*

11:00 // RENISHAW

*Mr. Íñigo Bereterbide / Mr. Marc Gardon*

11:30 // Coffee Break

12:00 // HP

*Mr. Bruno Romero*

12:30 // ITP AERO

*Mr. Íker Unanue*

13:00 // MIZAR ADDITIVE

*Mr. Borja García*

13:30 // Lunch

14:30 // Round table with industry representatives

15:30 // Tour of the facilities

16:30 // Adjourn

We are pleased to invite you to attend the next “Summer School on Additive Manufacturing” to be held in IMDEA Materials Institute (Madrid, Spain) on July 23<sup>rd</sup> and 24<sup>th</sup>. Please save these dates in your agenda.

The programme offered is suitable for graduates in sciences and engineering, researchers, academics and industry professionals in manufacturing and advanced materials.

This training course will cover the fundamental phenomena involved in 3D printing of metals. Lectures will focus on powder production and characterization, solidification, laser-matter interaction, 3D printing techniques, the next generation of alloys for 3D printing, and post-processing treatments. Basic science will be combined with a more applied approach.

In addition to the scientific programme, lectures by industry practitioners focused on commercial approaches will be provided by specialized national and international companies. The purpose of this initiative is to create a context for discussion and open debate amongst different members of the additive manufacturing ecosystem, including industry, researchers and students.