

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

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

VENUE

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

FURTHER INFORMATION

www.dimmat-project.com/



CONTACT

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DIMMAT-CM PROJECT



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



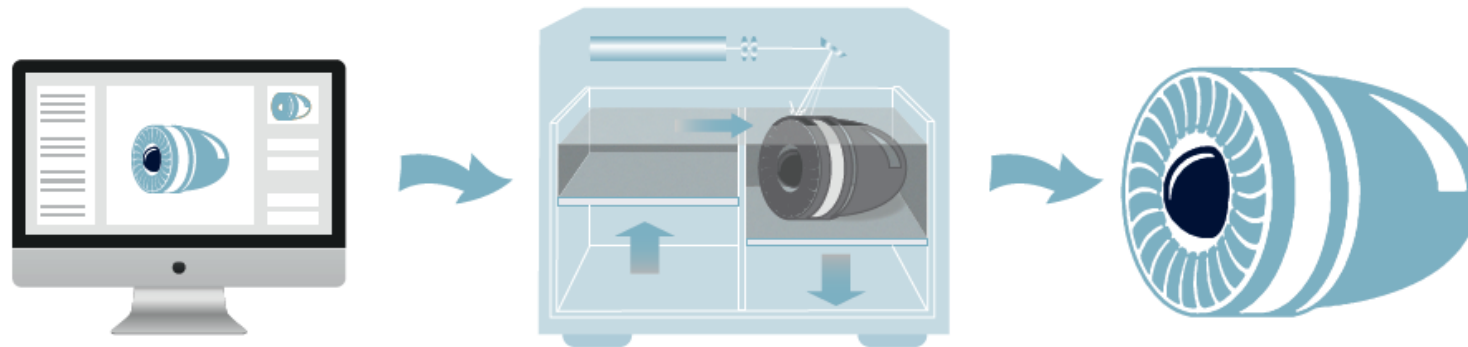
SUMMER SCHOOL 2018

ADDITIVE
MANUFACTURING

July 23rd and 24th

IMDEA MATERIALS INSTITUTE





ADDITIVE MANUFACTURING



July 23rd

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 24th

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 23rd and 24th. 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.