



# BET-EU

MATERIALS SYNERGY INTEGRATION FOR  
A BETTER EUROPE

**ANNOUNCEMENT OF OPEN CALL  
FOR ATTENDING SUMMER SCHOOL:  
*"NANO-SCALE MATERIALS INCLUDING  
CHARACTERIZATION"* AND  
*5<sup>TH</sup> DRESDEN NANOANALYSIS SYMPOSIUM***

## 1. Summary of the action

In the frame of BET-EU project (H2020-TWINN-2015, GA. n°692373) it is OPEN A CALL for PhD students connected to the i3N hub and partner institutions, to join the **Summer School on "NANO-SCALE MATERIALS INCLUDING CHARACTERIZATION"<sup>1</sup>** and **5<sup>TH</sup> DRESDEN NANOANALYSIS SYMPOSIUM<sup>2</sup>** to be held in Dresden – Germany, during the week of 28<sup>th</sup> of August to 1<sup>st</sup> of September 2017.

The focus of the school is to expand knowledge in the field of nanoscale materials and nanoanalysis. The subjects covered in this course extend from fundamentals of materials science and analysis to the current nanotechnologies and challenges in industry.

## 2. Action description

**Scientific area:** Advanced Functional Materials, Multi-scale materials characterization

Explore advanced functional materials, with emphasis on:

- New techniques for the characterization of thin films
- Nanostructures and nanoparticles
- 3D imaging of materials
- In-situ Microscopy

**Requirements:** PhD students and Pos-Docs within i3N whose work plans are related with Advanced Functional Materials and Multi-scale materials characterization.

**Methods of selection:** The jury chaired by Professor Rodrigo Martins, Professor Luís Pereira and other two researchers to be appointed from CENIMAT/I3N will evaluate the application's merit based on the following:

1. One page motivation letter which should highlight the role and complementarity of this action within the candidate's ongoing work;
2. Short resume of the PhD work plan;
3. Publications (if applicable).

Moreover, other information considered by the candidates as relevant may also be evaluated.

**Deadline and submission:** The submission is open from 22/05/2017 to 26/05/2017. The applications must be send by email to [Info@bet-eu.eu](mailto:Info@bet-eu.eu).

The students selected for the school will get support for travel and accommodation.

For further information, please contact Diana Gaspar ([dgaspar@uninova.pt](mailto:dgaspar@uninova.pt)) or [Info@bet-eu.eu](mailto:Info@bet-eu.eu)

<sup>1</sup>[http://www.fems.org/tl\\_files/webpage\\_content/data/awards/EATC\\_Nanoscale%20Materials\\_2017.pdf](http://www.fems.org/tl_files/webpage_content/data/awards/EATC_Nanoscale%20Materials_2017.pdf)

<sup>2</sup> <http://www.nanoanalytik.fraunhofer.de/de/veranstaltungen/5DNS.html>