



BET-EU

MATERIALS SYNERGY INTEGRATION FOR
A BETTER EUROPE

May 2016

**ANNOUNCEMENT OF OPEN CALL
FOR BET-EU
TRAINING ACTIONS**

1. Summary of the training actions

In the frame of BET-EU project (H2020-TWINN-2015, GA. n°692373) it is OPEN A CALL for 30 training positions to exploit the existing characterization and processing tools at UNINOVA, and CENIMAT/I3N, for slots of 15 days each, directed to Master and PhD students hosted in I3N-hub institutions, whose work plans are related with Advanced Functional Materials, Nanotechnologies, devices and systems related to them. Moreover, PhD students from the national PhD programme in Advanced Materials and Processing, AdvaMtech, will be also considered.

2. Training action description

Scientific area: Advanced Materials and Nanotechnologies

1. **Processing and Characterization tools:** 30 vacancies. The activities will take place in the period from 15th of September to 15th of December of 2016. Whenever justified the accommodation will be arranged and supported through BET-EU project.
 - a. **Training in Processing tools** – Screen-printing, ink-jet printing, spray-pyrolysis, and clean classroom fabrication techniques (further information: <http://www.cenimat.fct.unl.pt/services/laboratory-electronic-and-optoelectronic-materials-and-devices> and <http://www.uninova.pt/cemop/>)
 - b. **Training in Characterization tools** – SEM-FIB, XRD, AFM, Spectroscopic measurements (UV-VIS-NIR/FTIR/Ellipsometry), profilometer, contact angle, DSC/TG/DTA (thermal analysis), electrical measurements (Hall, I-V, Kelvin probe), and other available tools within the Materials for Electronics, Optoelectronics and Nanotechnologies Group (further information: <http://www.cenimat.fct.unl.pt/services/services-description>)

Requirements: Master and PhD students in Materials Sciences, Micro and Nano-technologies, Physics and other related areas.

Methods of selection: A panel chaired by Professor Rodrigo Martins, and including other two researchers to be appointed by each institution involved (UNINOVA, and CENIMAT/I3N), will evaluate the proposal's merit based on the following:

1. One page motivation letter which should highlight the role and complementarity of this training program within the candidate's ongoing work;
2. One page short CV;
3. Recommendation letters (optional).

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

Deadline and submission: The submission is open from 15/06/2016 to 10/07/2016. The applications must be send by email to **Info@bet-eu.eu**.

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