



BET-EU

MATERIALS SYNERGY INTEGRATION FOR
A BETTER EUROPE

June 2016

M.Sc. THEMES

BET-EU PARTNERS

In the frame of BET-EU project (H2020-TWINN-2015, GA. n°692373), six master thesis themes are being promoted in three renowned European Research Institutes (University of Cambridge – UK, Fraunhofer-Institut für Keramische Technologien und Systeme IKTS – GE, and VTT Technical Research Centre of Finland - FI).

The following themes are directed to Master Students in Materials Sciences and, Micro- and Nanotechnologies.

UCAM (Cambridge) UNIVERSITY OF CAMBRIDGE

Responsible: Prof. Arokia Nathan

M.Sc. themes:

- Measurement and Characterization of TFTs
- Design, Fabrication and Test of TFT Circuits

IKTS-MD - DFCNA (Dresden) Fraunhofer

Responsible: Prof. Dr. Ehrenfried Zschech

M.Sc. themes:

- Micro- and Nano-Mechanical Characterisation of Advanced Thin Film Systems
- Multi-scale Microscopy Characterization of Advanced Thin Film Systems

VTT (Helsinki)

Responsible: Dr. Maria Smolander

M.Sc. themes:

- Biosensors based on printed metal oxide transistors
- Novel materials for flexible solar cells

MSc students that aim to be involved should submit a proposal addressed to the project coordinator, Professor Rodrigo Martins.

The submission should include:

1. One page motivation letter which should highlight the role and complementarity of these topics within their M. Sc. programs;
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 call is open from 15/06/2016 to 20/07/2016. 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**