



Call for application

As part of the exchange program of Erasmus+ K107, a scholarship is offered for a five-months internship at Polytechnic University of Valencia - Spain during the academic year 2019-2020 or/and 2020-2021.

Applicants must hold a master degree in physics or materials science, or closely related fields. Previous experience and knowledge in semiconductor physics and nanomaterials synthesis would be an advantage. The experimental nature of the work requires a very high level of experimental skills to operate sophisticated machines, independence to design and execute. Candidates must have an adequate spoken and written English to do the research and deal with colleagues at the university.

The selected applicant will work on hybrid halide perovskite solar cells with a focus on developing efficient and long term stable semi-transparent perovskite solar cells using low-cost deposition techniques.

Applications must include:

- 1. A letter of motivation,*
- 2. Diplomas with transcripts,*
- 3. The applicant's CV, in English,*
- 4. The applicant's master thesis (Pdf version),*
- 5. Evidence of an adequate level of English (TOEFL, ILTES, ...),*
- 6. A detailed description of the applicant's research project in English; with a step-by-step plan of research for the period of the grant (the timing, goals of the research...),*

Eligible candidates should send their online application to the following email address:

upv.erasmus.fsr@gmail.com

For further information about the grant please contact Prof. Lahoucine Atourki, MANAPSE- Laboratoire de physique des matériaux, oucine.atourki@gmail.com;

*The deadline for application is **September 25th, 2019 at 00.00** (Moroccan time).*