

EEA Grants Mobility Project in Higher Education:
19-MOB-0025

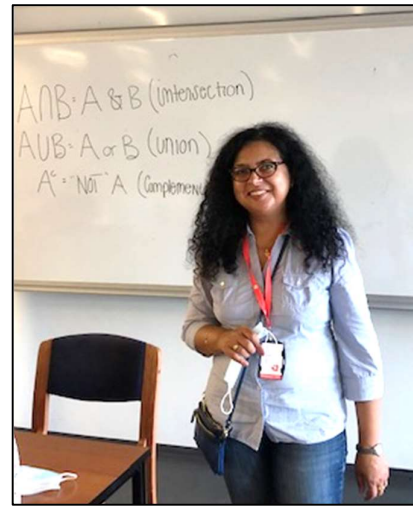
Mobility type: Staff Training

Field: M

Home university: Politehnica University Timișoara
(RO TIMISOA04)

Host university: Reykjavik University
(IS REYKJAV05)

Period: 23.08.2021 – 27.08.2021



During this mobility my activity has focused on improving pedagogical skills and developing the curriculum for Physics course for engineering, as the module: “Solid state physics” through applications in the study of the interaction of radiation with solids that lead to the emission of electrons and the collision of these electrons with atoms, ions or isolated molecules. The added value of the mobility lies in the exchange of knowledge and experiences in the field of ionization and recombination process of electrons and ions in imperfect vacuum devices, the host institution offers in addition to UPT the access to experimental setup.

The mobility provided a space for discussions with the Nanophysics Center members as: Prof. A. Manolescu, Prof. Ágúst Valfell, PostDoc. Kristinn Torfason, Anna Sitek, we share best practice examples, deal with problems and challenges.

Together with the partners, we are considering the related research proposals on the conversion of energy relevant for environmental protection. This mobility offers the opportunity to consolidate existing collaborations and opens up possibilities for future projects.

I enjoyed my stage to Reykjavik University, scientific and educational discussions that allow a continuation and an expansion of international collaboration, also, increasing the international recognition of Politehnica University of Timisoara. Experience obtained by training and contacts in this mobility contributes to my professional development.

Assoc. Prof. Nicolina Rodica POP