

POSTDOCTORAL RESEARCH POSITION- Sb-chalcogenide thin-film solar cells

UNIVERSIDAD AUTÓNOMA DE MADRID (UAM)

APPLIED PHYSICS DEPARTMENT

The photovoltaic materials group in the Applied Physics Department at the University Autónoma of Madrid (UAM) is seeking highly motivated and outstanding postdoc researchers interested in the synthesis and characterization of inorganic earth-abundant materials for photovoltaic solar cells. The successful candidate will contribute to an Ecological and Digital Transition project, coordinated project between UAM and CSIC, with the main topic on Sb-chalcogenide thin-film solar cells.

Duties

The successful candidate should show a high level of responsibility and independency, be able to collaborate with others in a team, and possess good English communication skills. It is desirable that applicants have a strong semiconductors background with experience in synthesis of thin films. Experience in fabrication and characterization of solar cells are highly advantageous. The project will involve in the growing and characterization of Sb-chalcogenide thin-films and the design of solar cells on different type of substrates.

Your profile: PhD in Physics, Chemistry or Materials Science.

Application process:

An application must contain the following documents in English or Spanish:

- A complete curriculum vitae, including date of the thesis defence, title of the thesis, previous academic positions, academic title, current position
- A complete list of publications

The application is to be submitted on the online recruitment system at Universidad Autónoma de Madrid with Reference: **TED2021-129666B-C21**.

Location: Universidad Autónoma de Madrid, Facultad de Ciencias, Departamento de Física Aplicada, Madrid, Spain

Duration: 22 months (01/02/2023 - 30/11/2024)

Information: Please, contact Dr. Raquel Caballero (raquel.caballero@uam.es)