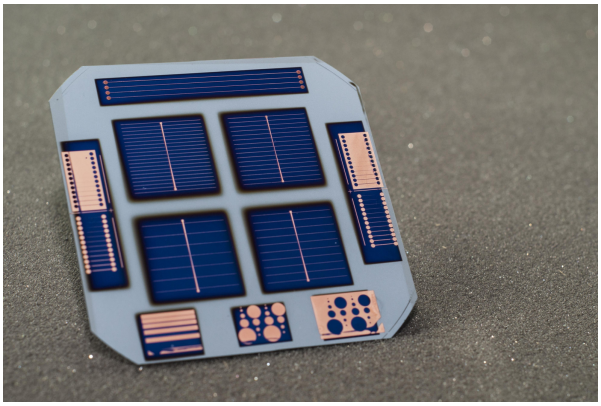
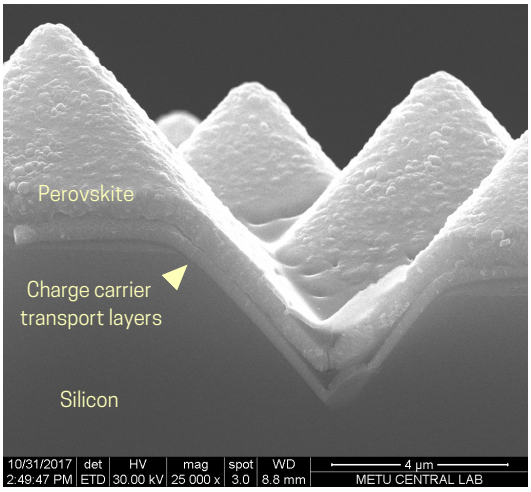
Seeking a
RESEARCHER
to join the APP group

We are looking for a highly motivated M.S. or Ph.D. student to work in a TUBITAK project aiming to develop **high efficiency and low cost silicon solar cells with dopant-free asymmetric heterocontacts (DASH)** using **organic and inorganic** carrier selective transport layers.

The applicant must hold a **B.S. degree** from one of the following fields:
Electrical and Electronics Engineering, Chemistry, *Material Science,* Chemical Engineering, Physics.



Solar cells and electrical test structures on a silicon wafer
(Courtesy of EPFL PV-LAB)



A silicon - perovskite tandem solar cell
produced in APP

The applicant is expected to have experience in, at least, one of the followings:

Solar cells, semiconductor physics and devices, chemical synthesis of inorganic and/or organic thin films (NiO, ZnO, PEDOT:PSS, Poly-TPD, etc.) using, for example, **spray coating, spin coating, dip coating, or a vacuum evaporation technique**.

The compensation is **2200 TL/month** and the position is to be filled immediately.

The interested individuals are kindly asked to provide a set of application material consisting of:

1. A **letter of intent** including details and duration of personal experience on the indicated fields.
2. A detailed **CV**.
3. **Name**, **address** and **phone number** of **at least one reference person** *or* **a recommendation letter** e-mailed directly by the refree.

Asst. Prof. Dr. **Selçuk Yerci**
Applied Photonics Photovoltaics (app.mnt.metu.edu.tr)
Center for Solar Energy Research and Applications (gunam.metu.edu.tr)
Electrical and Electronics Engineering, Micro and Nanotechnology Program
Middle East Technical University, Ankara, Turkey
E-mail: syerci@metu.edu.tr Phone: +90-312-210-2344