

## Electrodeposition and characterization of CuSbSe<sub>2</sub> thin films

[Seminario](#) [1]

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**Abstract:**

Electrodeposition is one of the main thin films deposition technique in the laboratory of materials and renewable energies (LMER) on the faculty of sciences Ibn Zohr of Agadir\_Morocco. Among the compound that are already elaborated, ZnO, Cu<sub>2</sub>ZnSnS<sub>4</sub>, Cu<sub>2</sub>O, In<sub>2</sub>O<sub>3</sub>, CuInS<sub>2</sub> and very recently CuSbSe<sub>2</sub>.

The seminar will be focused on the results obtained so far on the different electrodeposition techniques used to develop CuSbSe<sub>2</sub> thin films, as well as some characterization results such as XRD, SEM and UV-Vis spectrophotometry.

It will conclude its presentation with a summary of some other types of thin films such as Cu<sub>2</sub>O, CZTS and CIS.

**Programma:**

**Inizio data:** 28/06/19

**Ora data:** 14:30

**Fine data:** 28/06/19

**Ora data:** 15:30

**Sede Manifestazione:** IMEM, Sala A

**Allegato:**  [20190628\\_Khadija.pdf](#) [2]

**Collegamenti**

[1] <https://www.imem.cnr.it/it/taxonomy/term/74>

[2] [https://www.imem.cnr.it/sites/default/files/20190628\\_Khadija.pdf](https://www.imem.cnr.it/sites/default/files/20190628_Khadija.pdf)