

Post-Doctoral Position

**Laboratory : ICube (D-ESSP) –MaCEPV team
23 Rue du Loess, Strasbourg, France**

Description du poste:

The work is related to the French ANR, NOVAGAINS project that aims to create tandem solar cells based on silicon and InGaN.

The candidate selected will be in charge of the following steps:

- fabrication of tunnel junctions between Si and InGaN
- synthesis of ZnO buffer layer
- fabrication of the InGaN/Si cell and photovoltaic characterisations

The candidate should have good knowledge in physics and applied semiconductors. He should also have experience in Si and III-V. Experience in photovoltaics will be appreciated.

Duration: 18 months

Start: January 2, 2014

Contact : A. Slaoui

Mél : abdelilah.slaoui@unistra.fr

Tel : +33(0)388106328