

**Journée des Doctorants – PhD Students' Day – MADIREL**  
**Tuesday June 29th, 2021 – Salle Yvan Massiani**

**Ouverture des JDD/PhD Day par Renaud DENOYEL à 09:30**

**Présentations orales des Doctorants**

- 09:45 – 10:05 **Quentin GOBERT**  
*Controlled synthesis and characterisation of hybrid inorganic/organic plurifonctional nanoparticles. Applications towards the support of anti-cancer treatment*
- 10:05 – 10:25 **Vikas JANGID**  
*Fabrication and characterization of Rectenna based solar cell device by coupling molecular diodes and plasmonic nano antennas to convert light into electricity*
- 10:25 – 10:45 **Weiliang MA**  
*DFT Investigation of structure and properties for ternary chalcogenides*

**Pause 15 mn**

- 11:00 – 11:20 **Amine BENCHAAABANE**  
*Etude des propriétés d'adsorption de nouveaux adsorbants innovants à base de matériaux hybrides poreux- Application à la séparation de gaz*
- 11:20 - 11:40 **Koceila MAOUACINE**  
*PEO-Based Porous Silica Hybrid Materials as Solid Electrolytes for All-solid-State Lithium Batteries*
- 11:40 – 12:00 **Ashwini NALLAYAGARI**  
*Entrapped carbon quantum dots for Oxygen reduction fuel cell*
- 12:00 - 12:15 **Gabriel LANDETA AVELLANEDA**  
*Contrôle de l'adsorption de CO2 en conditions spécifiques sur matériaux à hydrophobicité contrôlée*

**Buffet**