

In the frame of a joined PROTEA cooperation program (2017-2018), **XLIM** (within its laboratory of excellence **SIGMALIM**) and the **University of South Africa (UNISA)** are happy to organize a first workshop on

## "Graphene Materials for Efficient and Low Cost Energy Conversion and Storage"

Tuesday, November 2017, the 14<sup>th</sup>  
XLIM, Salles XR201-202

### Program of the workshop

- 9h00: Introduction by J. Bouclé (XLIM/University of Limoges) and Prof. Bakang Mothudi (UNISA)
- 9h10: Prof. Bakang Mothudi, UNISA  
"Overview of Research Activities and Facilities at the Physics Department, UNISA"
- 9h40: Prof. Bernard Ratier, XLIM/University of Limoges  
"Research activities on Printed Electronics for Telecom and Energy at XLIM"
- 10h10: Mr Victor Molefe (PhD Student, UNISA)  
"Simple approach to growth and characterization of GO/ZnO/P3HT layered nanostructures for solar cell devices"
- 10h30: Mrs Raphaëlle Belchi (PhD Student, Paris Saclay – CEA – Labex SigmaLim)  
"TiO<sub>2</sub>/graphene-based nanocomposites synthesized by laser pyrolysis for perovskite solar cells"
- 10h50: Coffee Break
- 11h10: Dr Mohammed Khenfouch  
"Graphene and its composites for optoelectronic applications"
- 11h40: Dr Fabrice Rossignol (CNRS), SPCTS  
"Laboratory of Science of Ceramic Processes and of Surface Treatment: an overview of research activities"
- 12h10: Mr Wisly Truong (PhD Student, SPCTS-XLIM)  
"Hybrid Ultracapacitor-Battery Energy Storage System for Autonomous Sensors"
- 12h30: Lunch break
- 14h – 17h: Open exchanges and discussions