



CYCLE DE CONFÉRENCES DE CHIMIE

*Avec le concours de : Université Clermont Auvergne
INP Clermont Auvergne*

Jeudi 5 décembre à 16 h

Amphi Rémi (site des Cézeaux)

Ganesan PRABU SANKAR

Department of Chemistry, Indian Institute of Technology Hyderabad
Telangana, INDIA

N-Heterocyclic Molecular Scaffolds for Biological and Materials Applications

Our lab is at the forefront of research that unlocks answers to complex questions involving energy, health care, and the environment. We work on materials and biological aspects of organometallic chemistry with a particular focus on biocompatible molecules, light-emitting materials, catalysis, and light-weight composite materials. To accomplish this goal, we systematically develop the hitherto unknown *N*-heterocyclic molecular scaffold and *N*-heterocyclic carbene ligand-supported late transition metal and main group metal derivatives. The recent progress of our ongoing research work will be discussed in the lecture.

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