



## **CYCLE DE CONFÉRENCES DE CHIMIE**

*Avec le concours de : Manufacture Française des Pneumatiques MICHELIN  
Ecole Nationale Supérieure de Chimie de Clermont-Ferrand  
Institut de Chimie de Clermont-Ferrand (ICCF UMR 6296)  
U.F.R.S.T. Département de Chimie*

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**Jeudi 13 Juin 2013 à 16 h (Hors cycle)**

Amphi de Chimie Paul REMI - (Site des Cézeaux)

**Pr. Gabriella CARJA**

*Technical University Gh.Asachi of Iasi (Roumania)*

### **Me/LDHs and MexOy/LDHs as nano-architectonics: fabrication, properties and specific applications**

Nanoparticles of metals and/or metal oxides has size-dependent optical and photothermal properties that are of high interest for their applications in nanophotocatalysis and nanomedicine. We present in this talk assemblies of nanoparticles of metals and/or metal oxides -layered double hydroxides (Me/LDHs), as new nanoarchitectures able to incorporate, storage and (sometime) controlled release different nanoparticles of metals and metal oxides. Some of their applications are also discussed.