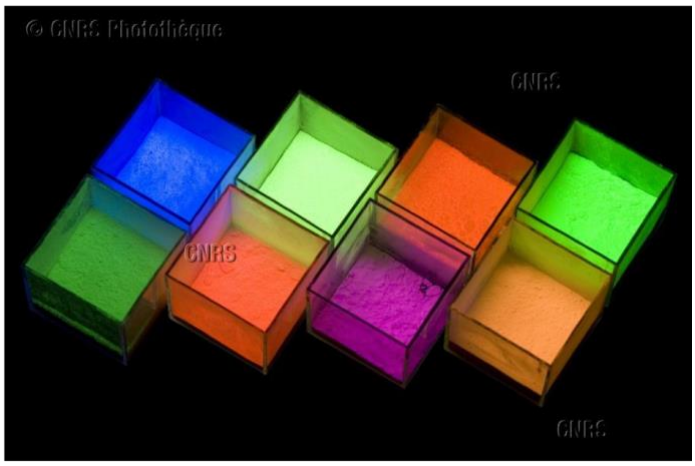


Les complexes métalliques sous la loupe des méthodes de chimie physique

Vendredi 17 janvier 2020
Institut de Chimie Physique, Bâtiment 349, salle Magat
Faculté des Sciences d'Orsay, Université Paris-Saclay

9h30 : Grégory Nocton (LCM, Ecole Polytechnique)

Organolanthanides: unravelling unusual oxidation states and singular electronic structures

10h : Carole Duboc (DCM, Université Grenoble Alpes)

10h30 : Olivier Cador (ISCR, Université de Rennes 1)

11h coffee-break

11h15 : Olivier Maury (Laboratoire de Chimie, ENS Lyon)

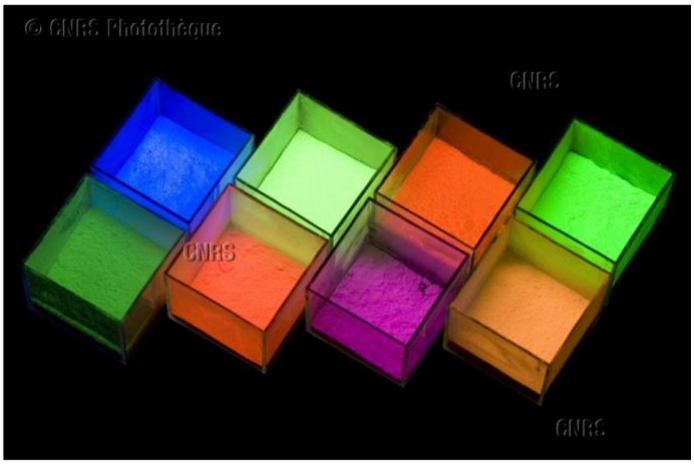
Correlation between magnetism and luminescence in lanthanide coordination complexes: a friendly discussion between Bolzman and VanVleck…

11h45 : Philippe Maître (ICP, Université Paris-Saclay)

Electrospray Ionisation, an ion trap, and an infrared laser : three tools for probing reactive organometallic intermediates

12h15 : Poster-flash

12h45-14h: lunch – posters



14h : Israël Mbomekalle (ICP, Université Paris-Saclay)

Electrochemistry, a useful (powerful) tool for exploring Polyoxometalates properties

14h30 : Boris Le Guennic (ISCR, Université de Rennes 1)

Magnetic and (chir-)optical properties of lanthanide complexes through the prism of ab initio calculations

15h coffee-break

15h15 : Thierry Gacoin (PMC, Ecole Polytechnique)

Methods of investigations for the establishment of structure / physical property relationships in inorganic nanomaterials

15h45 : Francesco Talotta (ICP, Université Paris Saclay)

Excited-state mechanisms and dynamics of the ruthenium nitrosyl complex trans- $[RuCl(NO)(Py)_4]^{2+}$

16h15 : Carine Clavaguéra (ICP, Université Paris Saclay)

Electron transfer in lanthanide molecules: a theoretical point of view

16h45 : Conclusions