



Laboratoire PPSM – UMR CNRS 8531

Photochimie et Photophysique Supramoléculaires et Macromoléculaires

# Séminaire PPSM

**Mercredi 17 Mai 2017 - 11h00**

**Auditorium D. Chemla - Bâtiment IDA**

## **Professeur Gilles MULLER**

Department of Chemistry, San José State University, Etats-Unis

Invité par : CHARMMMAT

# **«A Journey in the World of Circularly Polarized Luminescence: From Theory to Applications»**

In this course, general principles of introducing a chiral feature in the design of luminescent Ln(III) complexes will be discussed with a specific emphasis on how to take advantage of it for developing “smarter” biomolecular probes. Of special importance is to demonstrate that the key point of introducing chirality into luminescent Ln(III)-based probes may considerably enhance the molecular recognition/sensing properties (i.e. flexibility, applicability, sensitivity, specificity, selectivity...) of these chiroptical luminescent probes toward biological materials.

### **PPSM**

ENS Cachan – 61 avenue du Président Wilson

94235 Cachan Cedex – France

Tél : +33 1 47 40 53 38 – Fax : +33 1 47 40 24 54

e-mail : [ahusson@ppsm.ens-cachan.fr](mailto:ahusson@ppsm.ens-cachan.fr)

site web : <http://www.ppsm.ens-cachan.fr>

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