



Laboratoire PPSM – UMR CNRS 8531

Photochimie et Photophysique Supramoléculaires et Macromoléculaires

Séminaire PPSM

Lundi 7 Octobre 2013 - 11h00

Auditorium D. Chemla - Bâtiment IDA

Professeur Chang-Chun LING

Université de Calgary, Canada

Invité par : Joanne Xie

«Structural Modifications of Cyclodextrins: Have We Exhausted All Possibilities?»

Cyclodextrins have attracted intense interests from different industries because of their abilities to form inclusion complexes in water and their water solubility and low toxicity. Chemical modifications of cyclodextrins are key to access structurally well-defined cyclodextrin derivatives with novel functionalities such as for use in the design of artificial enzymes, gene delivery vehicles, sensors, and novel supramolecular assemblies. Recently, there has been a slowdown in developing novel methodologies to structurally modify cyclodextrins. In this seminar, Dr. Ling will present some recent progress from his group on the development of new tools for cyclodextrin multi-substitutions.

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

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

