



Laboratoire PPSM – UMR CNRS 8531

Photochimie et Photophysique Supramoléculaires et Macromoléculaires

# Séminaire du PPSM

Lundi 18 juillet 2011 - 14h

Auditorium D. Chemla - Bâtiment IDA

## Professeur Kenji MATSUDA

Kyoto University, Japon

Invité par : Keitaro Nakatani

### «Organic Functional Molecule and Noble Metal Nanoparticles in Optoelectronics»

Photochromic molecule is potentially applicable to various optoelectronic devices. Biradicals bridged by diarylethen showed photoswitching behavior. By preparing the diarylethene-Au nanoparticles network, the completely reversible photoswitching of conductance has been achieved. The use of 2-dimensional phase separation on STM conductance measurement will also be discussed.

**PPSM**

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