

Service des Photons, Atomes et Molécules  
SÉMINAIRE

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Jeudi 12 novembre 11h00

CEA-Saclay ;b; ;font color = 'red'; ;SPAM; /font; ;i/ ;b; Bât 522, p 138

Ring-induced Conformational Restriction in  
Neurotransmitters Studied by Laser Desorption  
Supersonic Jet Spectroscopy

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Electronic and IR transitions of neurotransmitters, such as catecholamines and their derivatives have been measured by the supersonic jet laser spectroscopy combined with laser desorption technique. The number of stable conformers in the gas phase was determined by UV-UV hole-burning spectroscopy. The conformations of stable conformers were analyzed by the combination of the IR dip spectroscopy and quantum chemical calculations. The relation between aromatic ring and conformation will be discussed

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Le cafe sera servi 10 minutes avant

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