

*ISMO, Bat 520, Université Paris Sud, Rue André Rivière, 91405 Orsay*

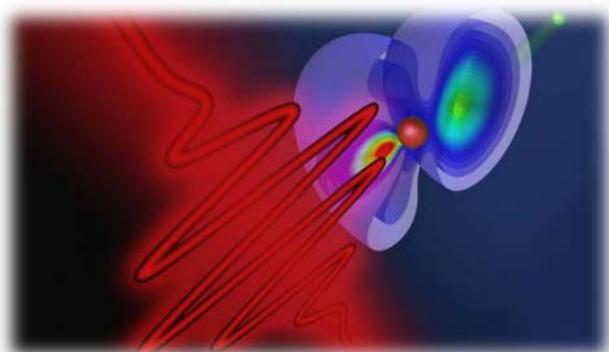
## **2018 FRENCH-KOREAN SYMPOSIUM**



# **EXPERIMENTAL AND THEORETICAL ADVANCES IN GAS-PHASE MOLECULAR SPECTROSCOPY**

*OCTOBER 22-23, 2018*

*UNIVERSITE PARIS SUD, ORSAY, FRANCE*



Organized by the Institute of Molecular Science, Orsay (ISMO), the Laser Center of the University Paris Sud (CLUPS) and the CNRS.



Sponsored by CAMPUS FRANCE, PHC STAR Program.



## **Monday 22 October**

9h00 : Registration

9h45 : Eric Gloaguen, LIDYL, CEA Saclay  
*Neutral ion pairs in the gas phase: good and bad news*

10h30: *Coffee Break*

11h00 : Pr. Huyk Kang, Ajou University  
*Conformer-specific IR spectroscopy of L-β3-Homotryptophan: Temperature and Entropy Effect during Laser Desorption*

11h45 : Oliver Harper, ISMO, Paris Sud University  
*Probing VUV photophysical processes of astrophysical molecules*

12h30 : *Lunch, Buffet, Bat 520, ISMO*

14h00 : Pr. Chan Ho Kwon, Kangwon National University  
*Identification of conformers and their cations in aldehydes by high-resolution VUV-MATI spectroscopy*

14h45 : Roland Thissen, LCP, Paris Sud University  
*State-selected ion-molecule reactions with VUV synchrotron radiation: the  $O_2^+$  +  $C_3H_6$  case*

15h30: *Coffee Break*

16h00: Pr. Oh Hoon Kwon, Ulsan National Institute of Science and Technology  
*Ultrafast Electron Microscopy at the Space and Time Limit*

## **Tuesday 23 October**

9h45 : Luke MacAleese, ILM, Lyon University  
*Gas-phase spectroscopy and chemistry of the long-lived triplet cation of Rhodamine 6G*

10h30: *Coffee Break*

11h00: Pr. Nam Joon Kim, Chungbuk National University  
*Conformation-specific circular dichroism spectroscopy of jet-cooled molecules and clusters*

11h45: Pr. Marie-Pierre Gaigeot, LAMBE, Evry val d'Essonne University  
*Recent advances in THz vibrational spectroscopy, synergy DFT-MD simulations and experiments*

12h30 : *Lunch, Buffet, Bat 520, ISMO*

14h00 : Gildas Goldsztejn, ISMO, Paris Sud University  
*Carbohydrates and their mimics in the gas and micro-hydrated phases*

14h45 : Pr. Myong Yong Choi, Gyeongsang National University  
*Watching the invisible conformers of ortho-substituted phenols by IR induced isomerization using nanosecond lasers*

15h30: *Coffee Break*

16h00: Niloufar Shafizadeh, ISMO, Paris Sud University  
*Determination of the binding energies of Ferric or Ferrous Hemes with different ligand ( $O_2$ ,  $CO$ ,  $NO$ , ...): Experiment and Theory*