



Toward an international laboratory between France & Japan on Photochemistry



1st April 2016

French Embassy, Tokyo



10:00-10:25 Opening: S. Codina (Attaché for Science and Technology, Embassy of France in Japan) K. Nakatani (ENS Cachan, IRG Phenics) & Y. Yokoyama (Yokohama National Univ., IRG Phenics)

10:25-11:40 Trends in photochemistry

10:25-10:50 M. Irie (Rikkyo Univ.) *Making and Breaking Bonds with Light: Photochromism of Diarylethens*

10:50-11:15 D. Bassani (Bordeaux Univ.) *Towards high-resolution OLED devices*

11:15-11:40 H. Masuhara (National Chiao Tung Univ.) *Laser trapping chemistry*

11:40-12h00 Coffee break

12:00-13:00 Toward an international laboratory & examples of fruitful exchange I

12:00-12:20 H. Miyasaka (Osaka Univ.) *Control of Photochemical Reactions by Multiple-Photon Processes*

12:20-12:40 M. Sliwa (Lille Univ.) *Photochromism for ultrafast nanoscopy*

12:40-13:00 J. Abe (Aoyama Gakuin Univ.) *Applications of fast photochromic molecules*

13:00-14:20 Lunch break + Poster

14:20-15:40 Toward an international laboratory & examples of fruitful exchange II

14:20-14:40 T. Kawai (NAIST) *Toward Quantitative Use of Light with Photochromic Compounds*

14:40-15:00 G. Laurent (ENS Cachan) *Hybrid and molecular photoswitchable nanomaterials*

15:00-15:20 T. Asahi (Ehime Univ.) *Photochemistry of organic nano-colloids*

15:20-15:30 A. Spangenberg (Mulhouse Univ.) *Exploiting two photon polymerization reaction for 3D Microfabrication*

15:30-15:40 T. Fukaminato (Kumamoto Univ.) *Efficient Fluorescence Photoswitching based on the Energy Transfer*

15:40-16:00 Coffee break

16:00-17:40 Toward an international laboratory & examples of fruitful exchange III

16:00-16:20 K. Matsuda (Kyoto Univ.) *Sophisticated Photoresponsive System Based on Self-Assembly of Photochromic Molecules*

16:20-16:40 E. Ishow (Nantes Univ.) *Photochromic hybrid systems toward nanoparticle organization*

16:40-17:00 K. Uchida (Ryukoku Univ.) *Photocontrol of Superhydrophobicity and Superhydrophilicity on Photoresponsive Surfaces*

17:00-17:20 H. Vezin (Lille Univ.) *Photochemistry with advanced EPR spectroscopy*

17:20-17:30 F. Ito (Shinshu Univ.) *Crystal formation process observed by the fluorescence color changes*

17:30-17:40 P. Girard (Nantes Univ.) *Hybrid photochromic and magnetoactive nanomaterials*

17:40 -18:00 Closing: P. Codognet (Director of the Regional Office of CNRS for North Asia) K. Nakatani (ENS Cachan, IRG Phenics) & H. Miyasaka (Osaka Univ., Photosynergetics)

18:00-20:30 Cocktail opening by J. Maleval, Counsellor for Science and Technology, Embassy of France in Japan & K. Tokumaru, Professor emeritus and former Vice-president for research development, Univ. Tsukuba.