



# Photo-active molecules and materials: synthesis, photophysics and modelling

30<sup>th</sup> of November 2017 – Laplace Building – Salle Renaudeau

09:00-09:05 *Introduction*

09:05-09:40 **Pr Hiroshi Miyasaka** – Osaka University, Japan  
“Photosynthetic responses: multiphoton-gated photochromic reactions”

09:40-09:50 **Yuka Tachii** – Osaka University, Japan  
“Multiphoton cycloreversion reaction of a diarylethene derivative along the coherent wavepacket motion in the low excited state”

09:50-10:00 **Tasuhiro Nagasaka** – Osaka University, Japan  
“Efficient cycloreversion reaction of a diarylethene derivative by off-resonant simultaneous two-photon excitation”

10:00-10:15 **Masafumi Koga** – Osaka University, Japan  
“Ultrafast photoionization dynamics of a phenylenediamine derivative by femtosecond two-photon excitation”

10:15-10:40 *Coffee break*

10:40-11:20 **Pr Janusz Zakrzewski** – Lodz University, Poland  
“title title title”

11:20-12:00 **Dr Joanna Jankowska** – Institute of Physics, Polish Academy of Sciences, Warsaw, Poland  
“Non-adiabatic molecular dynamics studies on photorelaxation pathways in photoswitchable molecular systems”

12:00-13:30 *Lunch break*

13:30-14:05 **Pr Jiro Abe** – Aoyama Gakuin University, Japan  
“Photochromism of HABI families”

14:05-14:20 **Ayako Tokunaga** – Aoyama Gakuin University, Japan  
“Wavelength-selective photochromic reaction of a biphotocromic molecule composed of a positive and a negative photochromophores”

14:20-14:35 **Yuki Inagaki** – Aoyama Gakuin University, Japan  
“A simple and effective strategy for intense coloration and fast decoloration of photochromic naphthopyran derivatives”

14:35-15:00 *Questions and concluding remarks*