4th Kanto Area Spin Chemistry Meeting (KASC 4th meeting)

November 24th, 2018.　Sougou-Kenkyuu Tou Building. Room 502 (総合研究棟 5F 502)
Kiryu Campus, Gunma University (群馬大学・桐生キャンパス、桐生市天神町 1-5-1)

10:55　Bus Arrival	
11:10 –	Dr. Motoko S. Asano, Gunma University (Opening)
11:20 – 11:40	Dr. Jonathan Woodward, the University of Tokyo *An introduction to magnetic field effects*
11:40 – 11:55	Mr. Kenta Masuzawa, Saitama University (Maeda group) *Subensemble controls of radical pairs by local optimization theory*
11:55 – 12:15	Dr. Tomoaki Yago, Saitama University *Magnetic field effect in the recombination of short lived radical pair*
12:15 –	Lunch Break
13:25 – 13:48	Dr. Naoki Asakawa, Gunma University *Electrically detected magnetic resonance spectroscopy of organic electronic devices: an application to magnetic-resonance-driven neuromorphic devices*
13:50 – 14:05	Mr. Sho Hashimoto, Gunma University (Asano group) *Spin-orbit coupling in Cu(I) complexes*
14:05 – 14:25	Dr. Tetsuro Kusamoto, the University of Tokyo *Magnetic field effect on emission spectrum and lifetime of a PyBTM radical doped into host crystals*
14:25 –	Break
14:45 – 15:08	Dr. Kiminori Maeda, Saitama University *Introduction of Spin dynamics and EPR detection*
15:10 – 15:30	Dr. Hiroki Nagashima, Kobe University (Kobori group) *EPR and ENDOR studies on geometry of the reaction intermediates*
15:30 – 15:45	Ms. Nana Iwata, Saitama University (Maeda group) *Long-lived radical pairs produced in a photochemical reaction of bovine serum albumin*
15:45 – 16:05	Dr. Akio Kawai, Kanagawa University *Dynamic Electron Polarization in xanthene dye-TEMPO systems*
16:05 –	Break
16:25 – 16:45	Dr. Tadaaki Ikoma, Niigata University *Magnetoconductance of Solar Cell using P3HT and PC61BM*
16:45 – 17:02	Mr. Noboru Ikeya, the University of Tokyo (Woodward group) *Fluorescence based microscopic detection of radical pairs*
17:02 – 17:22	Dr. Yasuhiro Kobori, Kobe University *Geometry and motion of secondary charge-separated states in Cryptochrome*
17:25 –	Close