

橋本秀樹 (計画 A01 班)

学会発表

1. 橋本秀樹, “天然光合成と人工光合成の励起状態分子ダイナミクス” (横浜, 日本, 2017 年 3 月) [招待講演]
2. Nao Yukihiro, Yuko Sugai, Masazumi Fujiwara, Daisuke Kosumi, Masahiko Iha, Kazuhiko Sakaguchi, Shigeo Katsumura, Alastair T. Gardiner, Richard J. Cogdell, and Hideki Hashimoto, “Strategies to enhance the excitation energy-transfer efficiency in the light-harvesting system using the intra-molecular charge transfer character of carotenoids”, Faraday Discussion on Artificial Photosynthesis, (京都, 日本, 2017 年 2 月) [招待講演]
3. Hideki Hashimoto, Nao Yukihiro, Hiroki Sato, Masazumi Fujiwara, Yuko Sugai, Tomoko Horibe, Daisuke Kosumi, Alastair T. Gardiner, and Richard J. Cogdell, “EXCITATION ENERGY TRANSFER AND DISSIPATION DYNAMICS OF CAROTENOIDS IN PHOTOSYNTHETIC ANTENNA SYSTEMS”, 2017 International Conference on Artificial Photosynthesis, (京都, 日本, 2017 年 3 月) [招待講演]
4. Hiroki Sato, Nao Yukihiro, Masazumi Fujiwara, Yuko Sugai, Alastair T. Gardiner, Richard J. Cogdell and Hideki Hashimoto, “Photoprotection Mechanism of the LH1 Antenna Complex from a purple photosynthetic bacterium *Rhodospirillum rubrum*”, 2018 International Conference on Artificial Photosynthesis, (京都, 日本, 2017 年 3 月)
5. Nao Yukihiro, Yuko Sugai, Masazumi Fujiwara, Chiasa Uragami, Daisuke Kosumi, Kazuhiro Sakaguchi, Shigeo Katsumura, Alastair T. Gardiner, Richard J. Cogdell and Hideki Hashimoto, “Energy-transfer efficiency of fucoxanthin reconstituted into the light-harvesting 1 complex from a purple photosynthetic bacterium *Rhodospirillum rubrum* G9+”, The 23rd International SPACC Symposium, (岡山, 日本, 2016 年 11 月)
6. Hideki Hashimoto, Nao Yukihiro, Yuko Sugai, Masazumi Fujiwara, Masahiko Iha, Kazuhiko Sakaguchi, Shigeo Katsumura, Alastair T. Gardiner, and Richard J. Cogdell, “Incorporation of Algal Carotenoids into the Light-Harvesting System from a Purple Photosynthetic Bacterium”, 2016 American Society for Photobiology Conference, (Tampa, Florida, USA, 2016 年 5 月) [招待講演]
7. H. Hashimoto, “Quantum Coherence between B800 and B850 Assemblies of Light-Harvesting Complex from Purple Bacteria Observed by 5 fs Optical Pulses”, The International Chemical Congress of Pacific Basin Societies (Pacifichem 2015),

(Honolulu, Hawaii, USA, 2015 年 12 月) [招待講演]

8. H. Hashimoto, “Ultrafast Fucoxanthin → Chlorophyll a Energy Transfer in Brown Algal Light-Harvesting Antennas”, 247th ACS National Meeting, (Dallas, Texas, USA, 2014 年 3 月) [招待講演]
9. H. Hashimoto, “Artificial Photosynthesis Producing Solar Fuels”, 4th Multidisciplinary Science Forum (MSF), (Washington D.C., USA, 2014 年 2 月) [招待講演]
10. D. Kosumi, R. Fujii, M. Iha, and H. Hashimoto, “Ultrafast excited state dynamics of marine carotenoid fucoxanthin”, 2nd Natural Pigments Conference for South-East Asia (NP-SEA), (Malang, Indonesia, 2013 年 7 月) [招待講演]
11. D. Kosumi, M. Kita, R. Fujii, M. Sugisaki, N. Oka, Y. Takaesu, T. Taira, M. Iha, and H. Hashimoto, “Ultrafast Fucoxanthin → Chlorophyll a Energy Transfer in Brown Algal Light-harvesting Antennas”, Light-Harvesting Processes (LHP 2013), (Banz, Germany, 2013 年 4 月) [招待講演]
12. H. Hashimoto, “Energy in Environmental Research in Osaka OCARINA”, First Euro Solar Fuels Meeting, (Drymen, Scotland, UK, 2012 年 10 月) [招待講演]
13. H. Hashimoto, “Artificial Photosynthesis Producing Solar Fuels: Importance of proton-assisted multiple-electron transfer”, 錯体化学会第 6 2 回討論会, ミニ国際シンポジウム (S6: Metal Complexes Involved in Multi-Step Electron Transfer Reactions), (富山, 日本, 2012 年 9 月) [基調講演]