

石崎章仁 (計画班 B01)

2019 年度 会議発表

1. N. T. Phuc and A. Ishizaki, "Control of electron-transfer-like reaction rate through molecular-vibration polariton in the ultrastrong coupling regime", 日本物理学会第 75 回年次大会 (2020 年), (名古屋市, 日本, 3/19/2020)
2. A. Ishizaki, "theory of time-resolved optical spectroscopy with quantum light: Toward simultaneous enhancement of temporal and spectral resolutions", Workshop on Quantum Foundations: Measurement & Entanglement, (Tsukuba, Japan, 2/10/2020) 招待講演
3. Y. Fujihashi and A. Ishizaki, "Quantum dynamical aspects of primary charge separation in photosystem II reaction center", 11th Asian Conference on Ultrafast Phenomena, (Shanghai, China, 1/14/2019) 招待講演
4. 藤橋裕太, 石崎章仁, "凝縮相分子系の動的過程の研究における量子もつれ光の利用とその可能性", スーパーコンピュータワークショップ 2019, (岡崎市, 日本, 12/19/2019)
5. Y. Fujihashi, R. Shimizu, and A. Ishizaki, "Theoretical analysis of interaction of molecules with quantum entangled photons: Generation of pseudo-sunlight via parametric down-conversion", The 2nd International Forum on Quantum Metrology and Sensing (IFQMS), (Kyoto, Japan, 12/17/2019)
6. A. Ishizaki, "Effects of dephasing upon quantum dynamical phenomena in condensed phase molecular processes", MATERIALS RESEARCH MEETING 2019 Materials Innovation for Sustainable Development Goals, (Yokoyama, Japan, 12/13/2019) 招待講演
7. N. T. Phuc and A. Ishizaki, "Dynamical Control and Precise Measurement in Condensed-Phase Molecular Systems", ISNTT2019, (Atsugi, Japan, 11/19/2019)
8. Ishizaki, "Intramolecular vibrations complement the robustness of primary charge separation in the photosystem II reaction center", The 3rd International Solar Fuels Conference/International Conference on Artificial Photosynthesis-2019, (Hiroshima, Japan, 11/21/2019) 招待講演
9. A. Ishizaki, "Generation of pseudo-sunlight via quantum entangled photons and the interaction with molecules", The Animesh Datta's group seminar, (Warwick, UK, 11/29/2019) 招待講演
10. A. Ishizaki, "Generation of pseudo-sunlight via quantum entangled photons and the interaction with molecules", Workshop on Biological Sensing and its Application, (Yokoyama, Japan, 10/9/2019) 招待講演

11. 藤橋裕太, 石崎章仁, “周波数量子もつれ光と分子系の相互作用に関する量子ダイナミクス理論”, 日本物理学会 2019 年秋季大会, (岐阜市, 日本, 9/12/2019)
12. N. T. Phuc and A. Ishizaki, “Precise determination of excitation energies in condensed-phase molecular systems based on exciton-polariton”, 日本物理学会 2019 年秋季大会, (岐阜市, 日本, 9/11/ 2019)
13. N. T. Phuc and A. Ishizaki, “Control of quantum dynamics in condensed-phase molecular systems by Floquet engineering”, 日本物理学会 2019 年秋季大会, (岐阜市, 日本, 9/10/ 2019)
14. Y. Fujihashi and A. Ishizaki, “Intramolecular vibrations complement the robustness of primary charge separation in photosystem II reaction center”, BIRS Workshop 19w5016 Charge and Energy Transfer Processes: Open Problems in Open Quantum Systems, (Alberta, Canada, 8/20/2019) 招待講演
15. Y. Fujihashi and A. Ishizaki, “Theoretical analysis of interaction of molecules with pseudo-sunlight generated via quantum entangled photons”, The 17th Japan-Korea symposium on molecular science "Advances in Materials and Molecular Sciences", (Nagoya, Japan, 7/29/2020)
16. Ishizaki, “Generation of pseudo-sunlight via quantum entangled photons and the interaction with molecules”, Workshop on quantum noise and quantum environments, (Wako, Japan, 6/3/2019) 招待講演
17. A. Ishizaki, “Effects of dephasing upon quantum dynamical phenomena in condensed phase molecular processes”, The 23rd International Annual Symposium on Computational Science and Engineering, (Chiang Mai, Thailand, 6/28/2019) 招待講演