Reference document

Ph.D 3rd grade
Masaaki Tokieda

- Required credits

Advanced Lecture on Physics for the Universe I: GSP 31

Advanced Lecture on Physics for the Universe II: GASP 12

- Papers and proceedings of international conference published before

1. M. Tokieda and K. Hagino, Phys. Rev. C **95**, 054604 (2017) https://journals.aps.org/prc/abstract/10.1103/PhysRevC.95.054604
2. Proceeding of 13th International Conference on Nucleus-Nucleus Collisions: (The website has not yet been updated)
3. M. Tokieda and K. Hagino, Ann. Phys. 412, 168005 (2020) https://www.sciencedirect.com/science/article/pii/S000349161930260X
4. M. Tokieda and K. Hagino, Front. Phys. 8:8 (2020) https://www.frontiersin.org/articles/10.3389/fphy.2020.00008/full

- Titles of poster and oral presentation in international conference

1. International school for Strangeness Nuclear Physics 2017, J-PARC, December 14-17 2017, Poster, "Quantum tunneling with friction for heavy ion fusion reactions"
2. Fifth Joint Meeting of the Nuclear Physics Divisions of the APS and the JPS, Hawaii, October 23-27 2018, Oral, "Quantum surface friction model for fusion reactions around the Coulomb barrier
3. 13th International Conference on Nucleus-Nucleus Collisions, Omiya, December 4-8 2018, Oral, "Quantum surface friction model for fusion reactions around the Coulomb barrier"
4. Nuclear Fission Dynamics 2019, October 26 – November 6 2019, YITP, Oral, "Quantum mechanical extension of the Langevin approach based on the Caldeira-Leggett model"