

# Reference document

Ph.D 2<sup>nd</sup> grade  
Masaaki Tokieda

- Required credits

Advanced Lecture on Physics for the Universe I: GSP 31

Advanced Lecture on Physics for the Universe II: GASP 11

- Papers and proceedings of international conference published before

Papers:

1. M. Tokieda and K. Hagino, Phys. Rev. C **95**, 054604 (2017)  
<https://journals.aps.org/prc/abstract/10.1103/PhysRevC.95.054604>
2. M. Tokieda and K. Hagino, arXiv:quant-ph/1909.10418  
<https://arxiv.org/abs/1909.10418> (submitted to Ann. Phys.)
3. Proceeding of 13<sup>th</sup> International Conference on Nucleus-Nucleus Collisions:  
FILE01.pdf (The website has not yet been updated)

- Titles of poster and oral presentation in international conference

1. International school for Strangeness Nuclear Physics 2017, 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,  
October 23-27 2018, Oral, “Quantum surface friction model for fusion reactions  
around the Coulomb barrier
3. 13<sup>th</sup> International Conference on Nucleus-Nucleus Collisions, December 4-8 2018,  
Oral, “Quantum surface friction model for fusion reactions around the Coulomb  
barrier”