# Jinhoon Jeong

*Postdoctoral researcher*

## Education

2015–2023  **PhD in Physics**, *KAIST*, Daejeon, South Korea
Advisor: Hyoungsoon Choi

2011–2015  **BS in Physics**, *KAIST*, Daejeon, South Korea
Minor in Cultural Technology

## Professional Experience

2023–  **Postdoctoral researcher**, *KRISS*, Daejeon, South Korea
Research on hybrid quantum systems and its applications

## Publications

HeeSu Byun, Jinhoon Jeong, Kitak Kim, Sang Goon Kim, Seung-Bo Shim, Junho Suh, and Hyoungsoon Choi. Measuring angular momentum of $p_{x}+ip_{y}$ topological superfluids: A proposal. *Physical Review B*, 98(2):024518, July 2018. Publisher: American Physical Society.

Jinhoon Jeong, Junho Suh, and Hyoungsoon Choi. Angular momentum sensitivity of a MEMS gyroscope for condensed matter systems. *Physica Scripta*, 98(6):065925, May 2023. Publisher: IOP Publishing.

## Presentations

2019.04  **J. Jeong**, J. Suh, H. Choi, *Spectroscopic Gyroscope Experiments: Building an Intrinsic Angular Momentum Sensor*, 2019 KPS Spring Meeting, April.

2016.04  **J. Jeong**, S Kim, H. Byun, S. Sim, J. Suh, H. Choi, *Realistic Method of Detecting Majorana Edge Modes in Superfluid*, 2016 KPS Spring Meeting, April.

## Teaching Experience

Spring 2015  **Teaching assistant**, *KAIST*, PH141(D) General Physics I

Fall 2015  **Teaching assistant**, *KAIST*, PH142(A) General Physics II

Spring 2016  **Teaching assistant**, *KAIST*, PH601 Applied Physics Lab. I

Spring 2017  **Teaching assistant**, *KAIST*, PH311 Thermal Physics
Best TA award

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