



Contribution ID: 429

Type: **Talk (preferred)**

Designing a Quantum Matterwave Vortex Gyroscope

Friday, 16 December 2022 09:30 (15 minutes)

Quantum sensors exhibit promising real-world applications of quantum mechanics that exploit its most counterintuitive properties. I present an ongoing project that aims to design, build, and test a new type of quantum rotation sensor, the vortex matterwave gyroscope.

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Session Classification: AIP: Quantum Science and Technology

Track Classification: AIP Congress: AIP: Quantum Science and Technology