## 24th Australian Institute of Physics Congress



Contribution ID: 726 Type: Poster

## QuanGuru: A Python Package for Numerical Modelling of Quantum Systems

Thursday 15 December 2022 18:45 (15 minutes)

In this talk, we introduce a new Python library, named QuanGuru, that implements powerful abstractions providing a broad range of useful and highly versatile functionalities, and show QuanGuru examples.

**Author:** KARGI, Cahit (University of Technology Sydney)

**Co-authors:** DI LONARDO, Adrien (University of Technology Sydney); MANATULY, Angsar; HENRIQUES, Fabio (University of Technology Sydney); Mr GEMISIS, Giorge (University of Technology Sydney); DEHOLLAIN, Juan Pablo (University of Technology Sydney); LANGFORD, Nathan K (University of Technology Sydney)

Presenter: KARGI, Cahit (University of Technology Sydney)

Session Classification: Poster session

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