## 24th Australian Institute of Physics Congress



Contribution ID: 335

Type: Poster

## Phase-space simulations of Gaussian Boson Sampling quantum networks

Tuesday 13 December 2022 18:45 (15 minutes)

We show how one can use phase-space representations of quantum mechanics to compare theoretical and experimental outputs of linear bosonic networks. These methods are applied to data from recent large scale experiments of a Gaussian Boson Sampling quantum computer.

Author: DELLIOS, Alexander

**Co-authors:** Dr OPANCHUK, Bogdan (Swinburne University of Technology); Prof. REID, Margaret (Swinburne University of Technology); Prof. DRUMMOND, Peter (Swinburne University of Technology)

**Presenter:** DELLIOS, Alexander

Session Classification: Poster session

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