## 24th Australian Institute of Physics Congress



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## Quantum Rabi model with PT-symmetry

Thursday 15 December 2022 18:45 (15 minutes)

Construct the  $\mathcal{PT}$ -symmetric QRM, derive the spectrum and investigate the  $\mathcal{PT}$ -phase boundaries (as exceptional surfaces) at different parameter regimes.

Authors: LU, Xilin; Dr LI, Zi-Min (Central South University)

Presenter: LU, Xilin

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