



Contribution ID: 871

Type: **Invited talk**

Discrete symmetry-breaking and time crystals in continuous systems under periodic driving

Friday 16 December 2022 09:30 (30 minutes)

We present a fully comprehensive multi-mode quantum treatment based on the truncated Wigner approximation to study discrete time crystals in continuous systems, such as a Bose-Einstein condensate bouncing resonantly on an oscillating mirror.

Author: WANG, Jia (Swinburne University of Technology)

Co-authors: DALTON, Bryan J. (Swinburne University of Technology); SACHA, Krzysztof (Uniwersytet Jagielloński); HANNAFORD, Peter (Swinburne University of Technology)

Presenter: WANG, Jia (Swinburne University of Technology)

Session Classification: Focus Session

Track Classification: Focused Sessions: Time Crystals