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Type: **Invited talk**

From time crystals to time glasses

Monday 12 December 2022 16:30 (30 minutes)

Here I briefly develop a theory of the experimental signature of a hypothetical time-crystal using neutron spectroscopy as a probe of the coherent dynamics in a lattice system, assuming a suitable driving mechanism such as intense terahertz light.

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Session Classification: Focus Session

Track Classification: Focused Sessions: Unveiling emergent physics of novel functional materials with neutron scattering