QUANTUM SEMINAR: Time crystals

JAKUB ZAKRZEWSKI

October 05, 2022
12:00 to 13:00
BLR

Abstract:
I will review the concept and history of time crystals. I will primarily concentrate on th original proposition of Wilczek and developments triggered by it
I will also mention examples of discrete (aka Floquet aka driven) time crystals in atomic a d optical domai

Bio:
Jakub Zakrzewski is a Full Professor and the Head of the Atomic Optics Department at the Marian Smoluchowski Institute of Physics, Jagiellonian University in Krakow, Poland. He also leads QuantLab at the Mark Kac Complex Systems Research Centre.
Over the years his research has explored quantum optics, laser theory, quantum chaos in atomic systems, and cold gases in optical lattices, especially in the presence of disorder.
Hosted by: Maciej Lewenstein