

## One-page abstract (2) for the book JMC15

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In this talk, we demonstrate the simultaneous existence of quasi-periodicity and topological order in a two-dimensional quasi-crystal subjected to a strong magnetic field. In particular, the quasi-periodic system is shown to present the main characteristics of topological insulating states : robust chiral edge modes and a topologically-ordered bulk. This topological characterization is achieved through a local (real-space) topological marker, which is well suited to analyse non-periodic systems. This work opens a route for the exploration of topological-insulating materials in a wide range of nonperiodic lattice systems, including photonic crystals and cold atoms in optical lattices