

## Atomtronics circuits with ultracold matter

*Thursday, 6 February 2025 09:15 (15 minutes)*

I present our results on quantum transport with ultracold atoms in engineered optical circuits. I will describe our works on ultracold atoms in ring potentials, mimicking the behaviour of electrons in solid state devices.

**Presenter:** ROATI, Giacomo (CNR INO Firenze)

**Session Classification:** Sessioni parallele

**Track Classification:** A6.1 Atoms