

Atomtronics and spintronics with ultracold quantum gases

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Ultracold quantum gases can be manipulated with arbitrary optical potentials to implement elementary circuits for atomtronics and spintronics applications. Here we present experiments performed on fermionic lithium atoms in Florence and bosonic spin mixtures of sodium in Trento.

https://drive.google.com/open?id=10u5Se9vKPeRQ6IQyZxgVx_MKfkcN2n9R

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Session Classification: Sessioni parallele