

Many-body Physics in Synthetic Quantum Systems

April 4-8, 2016
Stellenbosch, South Africa

Topics

- Quantum gases of atoms and photons
- Artificial atoms and hybrid settings
- Synthetic quantum magnets
- Synthetic gauge fields
- Controllable long-range interactions
- Disorder and transport phenomena

Organising committee

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Contacts and Info

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Registration deadline: March 7s, 2016

www.physics.sun.ac.za/mbp-sqs

www.nithep.ac.za

Speakers

Antoine Browaeys (France)
Hans Peter Büchler (Germany)
Jacob Covey (USA)
André Eckardt (Germany)
Mohammad Faghfoor Maghrebi (USA)
Leonardo Fallani (Italy)
Michael Fleischhauer (Germany)
Simon Fölling (Germany)
Thierry Giamarchi (Switzerland)
Stefano Giorgini (Italy)
Matthew Jones (UK)
Gediminas Juzeliunas (Lithuania)
Michael Kastner (South Africa)
James Keaveney (UK)
Anatoly Kuklov (USA)
Andreas Läuchli (Austria)
Igor Lesanovsky (UK)
Tommaso Macrì (Brazil)
Sebastiano Pilati (Italy)
Lode Pollet (Germany)
Guido Pupillo (France)
Bernhard Rauer (Austria)
Luis Santos (Germany)
Ulrich Schneider (UK)
Gora Shlyapnikov (France)
Philipp Strack (Germany)
Matthias Troyer (Switzerland)
Andreas Wallraff (Switzerland)
Daw-Wei Wang (Taiwan)