

# The Welsh Lectures in Physics 2018

## University of Toronto



### Public Talks

**Thursday May 3**

Earth Sciences Centre  
Auditorium ES1050  
5 Bancroft Avenue

**1:30 pm**

**Dr. Seamus Davis**  
Department of Physics,  
Cornell University

*"Visualizing Quantum Matter"*

**3:30 pm**

**Dr. Ana Maria Rey**  
Department of Physics  
University of Colorado

*"Quantum clocks:  
the greatest rulers of time"*

### Colloquia

**Friday May 4**

Koffler House, Room KP108  
569 Spadina Crescent

**11:00 am**

**Dr. Ana Maria Rey**

*"Entanglement dynamics  
in a trapped ion  
quantum magnet"*

**2:00 pm**

**Dr. Seamus Davis**

*"Discovery of the Cooper-Pair  
Density Wave State of Cuprates:  
Phenomenology & Consequences"*

Sponsored by the Department of Physics. For further information, call (416) 978-7135,  
visit <http://www.physics.utoronto.ca/~welsh> or e-mail: [iyer@physics.utoronto.ca](mailto:iyer@physics.utoronto.ca)

*Images: Ana Maria Rey & Seamus Davis*