

**Session Program**

**16-20 Oct 2023**

**9th Symposium on Frequency Standards and  
Metrology**

***Precision and Quantum Measurements***

Kingscliff, NSW, Australia  
Mantra on Salt Beach Kingscliff, Tweed Coast Gunnamatta Avenue, Kingscliff NSW

# Thursday 19 October

14:00

## Precision and Quantum Measurements

**Session** |

**Location:** Kingscliff, NSW, Australia, Mantra on Salt Beach Kingscliff, Tweed Coast Gunnamatta Avenue, Kingscliff NSW

14:00-14:30

### Distributed quantum sensing with networks of entangled atomic ensembles

**Speaker**

Mark Kasevich

14:30-15:00

### Stochastic quantum thermodynamics of clocks.

**Speaker**

Gerard Milburn

15:00-15:30

### Nuclear-spin-based rotation sensing with diamond

**Speaker**

Andrey Jarmola

15:30