

**Session Program**

**Oct 16 - 20, 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

# Thu, October 19

2:00 PM

## Precision and Quantum Measurements

**Session** |

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

2:00 - 2:30 PM

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

**Speaker**

Mark Kasevich

2:30 - 3:00 PM

### Stochastic quantum thermodynamics of clocks.

**Speaker**

Gerard Milburn

3:00 - 3:30 PM

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

**Speaker**

Andrey Jarmola

3:30 PM