

**Session Program**

**16-20 Oct 2023**

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

***Compact Clocks***

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

# Friday 20 October

08:30

## Compact Clocks

**Session** |

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

**Convener:** Erling Riis

08:30–09:00

### The Deep Space Atomic Clock: Demonstration of a Trapped Ion Atomic Clock in Space

**Speaker**

Eric Burt

09:00–09:30

### Micro mercury ion clock with frequency stability performance comparable to that of rack mount Cs frequency standards

**Speaker**

Nan Yu

09:30–10:00

### Compact and Manufacturable Ultrastable Optical Reference Cavities: $10^{-14}$ Stability in Less Than 10 mL Volume

**Speaker**

Franklyn Quinlan

10:00–10:30

### Optical Lattice Clocks at NPL

**Speaker**

Ian Hill

10:30