

**Session Program**

**16-20 Oct 2023**

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

***Lattice Clocks***

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

# Tuesday 17 October

08:30

## Lattice Clocks

**Session** |

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

**Convener:** Elizabeth Donley

08:30–09:00

### Towards the next-generation of optical lattice clocks

**Speaker**

Andrew Ludlow

09:00–09:30

### Vibrational Molecular Lattice Clocks

**Speaker**

Tanya Zelevinsky

09:30–10:00

### Developments to improve the stability of optical lattice clocks

**Speaker**

Sébastien Bize

10:00–10:30

### Engineered Hamiltonian for high clock precision and accuracy

**Speaker**

Prof. Jun Ye

10:30