

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

**Monday, 16 October 2023 - Friday, 20 October 2023**

**Kingscliff, NSW, Australia**

## **Scientific Programme**

## **Precision Tests on Fundamental Physics**

### **Precision and Low Noise Signal Generation and Techniques**

High-Q cavities, and low noise techniques from microwave to optical.

### **Molecular, Atomic, Ion and Nuclear Clocks**

### **Time and Frequency Transfer**

All types of time and frequency transfer, including free space, fibre, microwave, and optical.

### **Precision and Quantum Metrology with Atoms, Photons and Phonons**

Precision sensing and measurements with atoms, electromagnetic and acoustic systems. Includes precision atomic interferometers and atom systems, as well as electromagnetic and acoustic sensors.

### **Miniature, Portable and Space Systems**

### **SI definition, Clocks and Time Scales**