

**Session Program**

**15-17 Jul 2026**

**Quantum Metrology and Fundamental  
Physics - University Tübingen, Germany**

***Wednesday Afternoon 2***

## Wednesday 15 July

16:00

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#### Session

16:00–16:45

#### **Towards detecting the gravitational field of ultra-relativistic proton bunches at the LHC**

##### **Speaker**

Shubhang Dadhich

16:45–17:30

#### **Designing Open Quantum Systems for Enabling Quantum-Enhanced Sensing through Classical Measurements**

##### **Speaker**

Robert Mattes

17:30