

## Session Program

15-19 Jun 2026



## 1st BiCoQ Conference: from gravity to particles

### *Poster Session - Flash Talks*

Dipartimento di Fisica G. Occhialini, Università Degli Studi di Milano-Bicocca, Rooms U3-01 (Plenary Sessions), U3-01, U3-03, U3-05 (Parallel Sessions)  
Piazza della Scienza 3, I-20126 Milano, Italy

# Thursday 18 June

11:30

## Poster Session - Flash Talks

Poster Session | Location: U3-03

### Local Dark Matter Density from Improved Local Mass Density of Stars and Updated Baryonic Model

**Speaker**

Artem Lutsenko

### Realistic Beams, Non-Ideal HWPs: Quantifying Systematics and Cosmic Birefringence for Next-Gen CMB Cosmology

**Speaker**

Matteo Billi

### Testing primordial non-Gaussianity estimators in non-trivial cosmic topologies

**Speaker**

Emanuela Sireno

### Topological Signal Detection in LISA: A Noise-Agnostic Approach to Gravitational Wave Analysis

**Speaker**

Lorenzo Viganò

### Multi-Mode BAW Resonators for High-Frequency Gravitational Wave Detection: Electrical Noise Modeling and SQUID Characterization

**Speaker**

Riccardo Maifredi

### The ESPRESSO Redshift Drift Experiment: directly witnessing the cosmological expansion

**Speaker**

Andrea Trost

12:00