

Session Program

Oct 25 - 27, 2017

**QFC2017 - Quantum gases, fundamental
interactions and cosmology**

Talks on Specific Topics - II

Aula Gerace
Polo Fibonacci Edificio C Largo B. Pontecorvo, 3 56127 Pisa

Thu, October 26

2:30 PM

Talks on Specific Topics - II

Session | **Location:** Aula Gerace, Polo Fibonacci Edificio C Largo B. Pontecorvo, 3 56127 Pisa | **Convener:** Massimo D'Elia

2:30 - 2:55 PM **Study of time -reversal violation in the two-nucleon system**

Speaker
Michele Viviani

2:55 - 3:20 PM **Analogue Hawking radiation in a "flow of light"**

Speaker
Prof. Victor Fleurov

3:20 - 3:45 PM **GINGER**

Speaker
Angela Dora Vittoria Di Virgilio

3:45 - 4:15 PM **Coffee break**

4:15 - 4:40 PM **Efimov spectrum for N bosons**

Speaker
Dr Alejandro Kievsky

4:40 - 5:05 PM

An Effective Field Theory for Black Hole perturbations: testing extensions to GR with gravitational waves

Speaker
Enrico Trincherini

5:05 - 5:30 PM **Quantized vortices in two-dimensional ultracold Fermi gases**

Speaker
Prof. Luca Salasnich

5:30 - 5:55 PM

AX-Gadget, a N-Body hydrodynamical code for axion cosmology simulations

Speaker
Matteo Nori

5:55 PM