

## **Session Program**

**9-12 Mar 2026**



# **Italy-Japan Symposium on Joint Activities in Fundamental Physics - 日伊基礎物理学共同研究活 動シンポジウム**

## ***Session 11***

Kore University of Enna  
Polo scientifico/tecnologico Santa Panasia

# Thursday 12 March

09:00

## Session 11

**Session** | **Location:** Kore University of Enna, Polo scientifico/tecnologico Santa Panasia | **Convener:** Takashi Nakamura

09:00–09:30

### Quantum computing for the nuclear many-body problem

**Speaker**

Alessandro Roggero

09:30–10:00

### Status of NUMEN experiment

**Speaker**

Manuela Cavallaro

10:00–10:15

### Coupling of the EXOTIC facility to AGATA

**Speaker**

Anna Togni

10:15–10:30

### First indirect measurement of the $^{26}\text{Al}(n,p)$ and $^{26}\text{Al}(n,\alpha)$ cross sections in the context of Multimessenger Astronomy

**Speaker**

Francesco Andreis

10:30–10:45

### Superfluid Band Calculations for Neutron Star Inner Crust

**Speaker**

Kenta Yoshimura

10:45–11:00

### Supersolidity as a probe for Compact Objects

**Speaker**

Silvia Trabucco

11:00