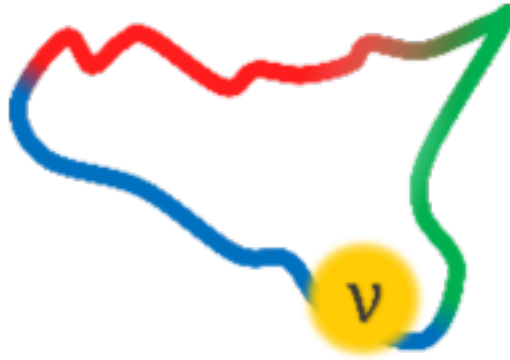


# **WORKSHOP: Multi-Aspect Young-ORiented Advanced Neutrino Academy (MAYORANA) - International Workshop**



**Wednesday, 12 July 2023 - Friday, 14 July 2023**

**Modica**

## **Scientific Programme**

Double beta decay  
Nuclear structure in connection with neutrino physics  
Neutrino nucleus interactions at low and high energy  
Nuclear reactions for weak interactions  
Supernova models and detection of supernovae neutrinos  
Solar models  
Direct and indirect dark matter searches  
Rare beta decay of nuclei for neutrino mass measurement  
Neutrino oscillation and matter effect  
Anomalies in reactor neutrinos  
Ultra high energy astroparticle neutrinos  
New related detection technologies  
Artificial intelligence for DAQ and data analysis