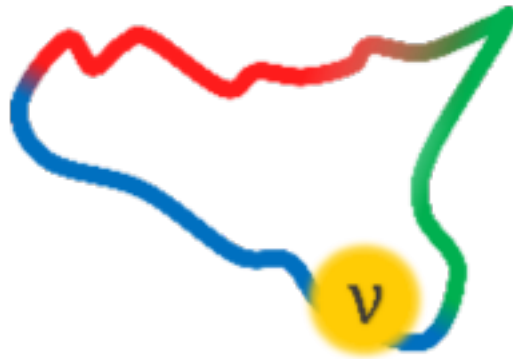


SCHOOL: Multi-Aspect Young-ORiented Advanced Neutrino Academy (MAYORANA) - International School



Tuesday, 4 July 2023 - Tuesday, 11 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