MAYORANA

Multi-Aspect Young-ORiented Advanced Neutrino Academy

Scientific Topics

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 undirect 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

School&Workshop

4 – 14 July

Palazzo Grimaldi, Modica (Italy)
mayorana2023@ct.infn.it

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