

GDR Deep Underground Physics plenary meeting

mardi 30 novembre 2021

Common session GDR DUPhy - IRN Neutrino: Part 1 - Chair: M. Settimo (14:00 - 16:00)

| time | [id] title | presenter |
|-------|--|-------------------|
| 14:00 | [9] Correlating Muon $g-2$ Anomaly with Neutrino Magnetic Moments | JANA, Sudip |
| 14:45 | [10] Towards reliable nuclear matrix elements for neutrinoless double beta decay | NOWACKI, Frederic |
| 15:30 | [11] New CUPID-Mo limit | DIXON, Toby |

Common session GDR DUPhy - IRN Neutrino: Part 2 - Chair: D. Franco (16:30 - 18:30)

| time | [id] title | presenter |
|-------|--|-------------------------------|
| 16:30 | [12] Neutron background simulations for the SuperNEMO experiment | PALUSOVA, Veronika |
| 17:00 | [13] Simulation of gamma-ray shower after neutron capture | SOUM, Gabrielle |
| 17:30 | [14] Primary electron identification in NEWS-G's S140 SPC | Dr VAZQUEZ DE SOLA, Francisco |
| 18:00 | [15] Radon deposition: limit of Geant 4 | WAROT, Guillaume |

mercredi 1 décembre 2021**Common session GDR DUPhy - IRN Neutrino: Part 3 - Chair: C. Giganti (09:30 - 10:30)**

| time | [id] title | presenter |
|-------|---|-------------------|
| 09:30 | [16] DarkSide-50: characterisation of the LAr ionization response in the keV regime | RODE, Julie |
| 10:00 | [17] The R2D2 project: an SPC R&D for the neutrinoless double beta decay search | CECCHINI, Vincent |

Common session GDR DUPhy - IRN Neutrino: Part 4 - Chair: R. Gaïor (11:00 - 12:15)

| time | [id] title | presenter |
|-------|---|---------------------|
| 11:00 | [18] Neutrinoless double-beta decay searches with Xe136-based PandaX-III experiment | LOBASENKO, Andrii |
| 11:30 | [19] Crystals for heat-scintillation cryogenic bolometers used in the rare event searches | VELAZQUEZ, Matias |
| 12:00 | [22] Polarized bolometer, a new tool essential to neutrino physics? | CHAPELLIER, Maurice |