

RENATA thematic meeting on Dark Matter @ LSC

Tuesday, February 6, 2018

Review of direct detection of dark matter: review talks I (3:00 PM - 4:35 PM)

| time | [id] title | presenter |
|---------|--|--------------------|
| 3:00 PM | [11] Introduction and the Underground Canfranc Laboratory | IANNI, Aldo |
| 3:25 PM | [16] Dark matter on and off the beaten track | ROSZKOWSKI, Leszek |
| 4:00 PM | [1] Present and future status of searching for annual modulation in the framework of DM direct detection | YEONGDUK, Kim |

Review of direct detection of dark matter: review talks II (5:00 PM - 6:45 PM)

| time | [id] title | presenter |
|---------|--|---------------------|
| 5:00 PM | [1] Review of experimental WIMPs search with liquid xenon and argon: present status and future prospects | GALBIATI, Cristiano |
| 5:35 PM | [12] Review of experimental search for light WIMPs: present status and future prospect | GORLA, Paolo |
| 6:10 PM | [10] Dark Matter Axion searches: Status and future Prospects | MAJOROVITS, Bela |

Wednesday, February 7, 2018

Review of direct detection of dark matter: talks by Spanish groups (8:30 AM - 11:00 AM)

| time | [id] title | presenter |
|----------|---|---------------------------|
| 8:30 AM | [17] Current activity and plans of the CIEMAT-DM group | SANTORELLI, Roberto |
| 8:55 AM | [20] R&D for ultra-low background sensor planes | Dr FERRARIO, Paola |
| 9:10 AM | [19] Testing DAMA/LIBRA result with ANAIS-112 experiment | Dr SARSA, M.L. |
| 9:35 AM | [16] Search for low mass WIMPs with low-threshold low-background TPCs: the TREX-DM experiment | LUZON MARCO, Gloria |
| 9:55 AM | [14] Direct dark matter detection with superheated liquids | ARDID, Miguel |
| 10:15 AM | [30] DAMIC Experiment | VILAR CORTABITARTE, Rocio |
| 10:35 AM | [15] Search for axions with the International Axion Observatory (IAXO) | IRASTORZA, Igor |

Review of direct detection of dark matter: discussion (11:30 AM - 1:00 PM)

-Conveners: Sergio Pastor; Mario Martinez-Perez