



# Astroparticle Physics - A Joint TeVPA/ IDM Conference

## Monday 23 June 2014

### Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 5 (2:30 PM-4:00 PM)

-Conveners: Neil Spooner

| time   | [id] title  | presenter            |
|--------|---|----------------------|
| 2:55 P | [M30] Measuring the dark matter mass - in spite of astrophysical uncertainties        | KAVANAGH, Bradley J. |
| 3:15 P | [M40] Direct dark-matter detection with LAr: DEAP-3600                                | PEETERS, Simon       |
| 3:35 P | [M35] Simple steps to analyse direct detection experiments without halo uncertainties | KAHLHOEFER, Felix    |

### Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 5 (4:30 PM-6:30 PM)

-Conveners: Enectali Figueroa-Feliciano

| time   | [id] title  | presenter                        |
|--------|---|----------------------------------|
| 4:30 P | [M7] Impact of anisotropic distribution functions on direct dark matter detection | Dr BOZORGNIA, Nassim             |
| 4:50 P | [M38] NEWS experiment and ultra-light dark matter search                          | Dr GIOMATARIS, ioannis           |
| 5:10 P | [M6] Axion mass estimates from resonant Josephson junctions                       | Prof. BECK, Christian            |
| 5:30 P | [M33] Axion searches in the helioscope technique: CAST and IAXO                   | Mrs GARCIA PASCUAL, Juan Antonio |
| 5:50 P | [M09] New Results from the CRESST Experiment                                      | STRAUSS, Raimund                 |
| 6:10 P | [M4] Self-consistent velocity distributions for local Dark Matter                 | FORNASA, Mattia                  |

# Wednesday 25 June 2014

## Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 3 (2:30 PM-4:00 PM)

-Conveners: Uwe Oberlack

| time    | [id] title   | presenter          |
|---------|--|--------------------|
| 2:30 PM | [M113] Recent results from the LUX dark matter search experiment | LINDOTE, Alexandre |
| 2:55 PM | [M103] Limits on Light WIMPs: LUX, lite and beyond               | GONDOLO, Paolo     |
| 3:15 PM | [M183] The XMASS experiment                                      | HIRAIDE, Katsuki   |
| 3:35 PM | [M106] Complementarity in direct dark matter searches            | PEIRÓ, Miguel      |

## Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 3 (4:30 PM-6:00 PM)

-Conveners: Jeter Hall

| time    | [id] title  | presenter         |
|---------|---|-------------------|
| 4:30 PM | [M100] XENON100, XENON1T, and beyond: Status of the XENON Dark Matter Search                          | OBERLACK, Uwe     |
| 4:55 PM | [M132] Scintillation efficiency and effect of electric field in liquid argon                          | HITACHI, Akira    |
| 5:15 PM | [M113] Probing the intrinsic electron recoil rejection power in liquid xenon for dark matter searches | Prof. NI, Kaixuan |
| 5:35 PM | [M153] A maximum likelihood analysis of the CoGeNT public dataset                                     | KELSO, Chris      |

# Thursday 26 June 2014

## Dark Matter: Direct Detection - Room 3 (2:30 PM-4:00 PM)

-Conveners: Carsten Krauss

| time    | [id] title   | presenter          |
|---------|--|--------------------|
| 2:30 PM | [M42] Recent Results of SuperCDMS                                    | Dr BILLARD, Julien |
| 2:55 PM | [M97] Analysis of 3.4 years of CoGeNT Data                           | KOS, Marek         |
| 3:15 PM | [M93] A CoGeNT Analysis: Is there evidence for a Dark Matter signal? | DAVIS, Jonathan    |
| 3:35 PM | [M61] The Majorana Low-Background Experiment at KURF (MALBEK)        | HENNING, Reyco     |

## Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 3 (4:30 PM-6:30 PM)

-Conveners: Kaixuan Ni

| time    | [id] title  | presenter           |
|---------|---|---------------------|
| 4:30 PM | [M9] Status of the ANAIS Dark Matter project  | Ms VILLAR, Patricia |
| 4:50 PM | [M72] The PICO Dark Matter Search Programme   | KRAUSS, Carsten     |
| 5:10 PM | [M4] Explaining galactic structure and direct detection experiments with mirror dark matter | Dr ROBERT, Foot     |
| 5:30 PM | [M30] Neutrinoless double beta decay and dark matter searches with CUORE-0 and CUORE        | Mrs MARIA, Martinez |
| 5:50 PM | [M89] Tests on the first crystals for KIMS-NaI experiment                                   | Ms KIM, Kyungwon    |
| 6:10 PM | [M87] First Data from DM-Ice17, Prospects for DM-Ice  | SPOONER, Neil       |

# Friday 27 June 2014

## Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 3 (2:30 PM-4:10 PM)

-Conveners: Jocelyn Monroe

| time   | [id] title  | presenter              |
|--------|---|------------------------|
| 2:30 P | [M15] The EDELWEISS III Experiment  | SCORZA, Silvia         |
| 2:50 P | [M20] Hypercharged Dark Matter and Direct Detection as a Probe of Reheating           | Dr FELDSTEIN, Brian    |
| 3:10 P | [M14] Latest results from the CDEX experiment at China Jinping Underground Laboratory | LIN, Shin-Ted          |
| 3:30 P | [M10] Light WIMP searches with Germanium Detectors of sub-keV Sensitivity             | LI, Hau-Bin            |
| 3:50 P | [M48] A dark matter search using CCDs   | IZRAELEVITCH, Federico |

## Dark Matter: Direct Detection: Dark Matter: Direct Detection - Room 3 (4:30 PM-6:30 PM)

-Conveners: Marek Kos

| time   | [id] title  | presenter             |
|--------|---|-----------------------|
| 4:30 P | [M86] Direction-Sensitive Dark Matter Detection with the DMTPC Experiment                                       | Prof. MONROE, Jocelyn |
| 4:50 P | [M92] The DRIFT directional WIMP detectors - improved limits and progress to scale-up                           | SPOONER, Neil         |
| 5:10 P | [M26] Model Independent Bounds in Direct Dark Matter Searches   | PANCI, Paolo          |
| 5:30 P | [M46] Bayesian Reconstruction of the WIMP Velocity Distribution Function from Direct Dark Matter Detection Data | SHAN, Chung-Lin       |
| 5:50 P | [M23] NEWAGE - direction-sensitive dark matter search   | NAKAMURA, Kiseki      |
| 6:10 P | [M25] Low Mass WIMP Directional Detection   | Mr PHAN, Nguyen       |