



# Neutrino and Dark Matter in Nuclear Physics 2015

## Monday, 1 June 2015

### Dark Matter - YAA303 (11:30 - 13:00)

-Conveners: P. Belli

time	[id] title	presenter
11:30	[14] DAMA/LIBRA-phase1 results, perspectives of phase-2 and beyond	CERULLI, Riccardo
12:00	[54] Sterile neutrino dark matter and core collapse supernovae	MATHEWS, Grant
12:30	[65] Recent results and future plans for dark matter searches with PICO	NOBLE, Anthony

### Dark Matter - FYS1 (16:30 - 19:00)

-Conveners: G. Mathews

time	[id] title	presenter
16:30	[18] Prospects for WIMP dark matter and coherent neutrino scattering with the LUX-ZEPLIN detector	DOBI, Attila
16:50	[42] A model for dark matter, naturalness and a complete gauge unification	KAINULAINEN, Kimmo
17:10	[59] Recent results from XENON100 and status of XENONIT at Gran Sasso National Laboratories	MOLINARIO, Andrea
17:30	[66] Direct search for dark matter with the EDELWEISS-III experiment: New WIMPs results	NONES, Claudia
17:50	[76] Exploring low-mass WIMPs with CRESST	REINDL, Florian

# Tuesday, 2 June 2015

## Dark Matter - FYS1 (14:30 - 16:30)

-Conveners: A. Noble

time	[id] title	presenter
14:30	[83] Chiral effective field theory for dark matter direct detection	SCHWENK, Achim
15:00	[86] The ADMX-HF experiment	SHOKAIR, Timothy
15:30	[101] Neutrino and dark matter physics with sub-keV Germanium detectors	WONG, Henry T.
16:00	[30] Weak and rare low energy nuclear processes	GAZIT, Doron

# Wednesday, 3 June 2015

## Dark Matter - FYS1 (11:30 - 13:00)

-Conveners: A. Morselli

time	[id] title	presenter
11:30	[45] The status and plan for KIMS experiment	KIM, Yeongduk
12:00	[51] An effective field theory analysis of the large underground xenon (LUX) first dark matter search	LARSEN, Nicole
12:30	[71] Dark matter scattering in dense nuclear medium	PEREZ-GARCIA, M. Angeles

# Thursday, 4 June 2015

## Dark Matter - FYS1 (08:30 - 11:00)

-Conveners: N. Larsen

time	[id] title	presenter
08:30	[91] Recent results from XMASS	SUZUKI, Yoichiro
09:00	[8] Results and strategies for dark matter investigations	BELLI, Pierluigi
09:30	[26] Particle dark matter signals in the anisotropic sky: a cross-correlations approach	FORNENGO, Nicolao
10:00	[60] Indirect dark-matter searches with gamma-rays experiments: status and future plans	MORSELLI, Aldo
10:30	[98] Direct dark matter hunt	VERGADOS, Ioannis