



# International Workshop for the Next Generation Nucleon Decay and Neutrino Detector (NNN15) and Unification Day 2 (UD2)

## Wednesday, 28 October 2015

**NNN15 Parallel: Water Cherenkov and Liquid Scintillator detectors - Math Common Room, 4-125 (4 th -5 th floor)**

**(14:00 - 18:15)**

**-Conveners: Roger Wendell; Darren Grant**

time	[id] title	presenter
14:00	[23] Liquid Scintillator technologies (including water based and achieving 3% energy resolution)	DENG, Ziyang
14:25	[24] Gd doping (EGADs, Watchmen, ANNIE)	VAGINS, Mark
14:50	[25] Developments in photosensors (LAPPDs)	WETSTEIN, Matthew
15:15	[26] Developments in photosensors (broad scope)	GRANT, Darren WENDELL, Roger
15:40	Coffee Break	
16:00	[27] JUNO (R&D detector focus)	ZHAO, Jie
16:20	[28] HyperK (R&D focus)	NISHIMURA, Yasuhiro
16:40	[29] SNO+ status and prospects	COULTER, Ian
17:05	[30] PINGU	HIGHNIGHT, Joshua
17:25	[31] ORCA	JONGEN, Martijn
17:50	[81] Physics with a very large WBLSn experiment	KLEIN, Josh

**NNN15 Parallel: Liquid Argon TPC detectors - SCGP Auditorium (14:00 - 18:15)**

**-Conveners: Takuya Hasegawa; Jennifer Raaf**

time	[id] title	presenter
14:00	[82] The present status of ICARUS and its next future at Fermilab	MENEGOLLI, Alessandro
14:25	[83] Charge readout and construction of the first WA105 large Double Phase Liquid Argon TPC	WU, Shuoxing
14:50	[84] Status & plans of the WA105 6x6x6 m3 Double Phase Liquid Argon TPC at CERN neutrino platform	BOLOGNESI, Sara
15:15	[85] DUNE Single Phase Liquid Argon TPC prototyping at CERN and Fermilab	INSLER, Jonathan
15:40	Coffee	
16:10	[86] Captain: Status and plans for cross-sections measurements relevant for DUNE	WHITEHEAD, Lisa
16:35	[87] ArgoNeut&Lariat: Status and plans for cross-sections measurements relevant for DUNE	FLANAGAN, Will
17:00	[88] Towards realisation of very high voltage for Liquid Argon TPCs: present R&D status and future challenges	LOCKWITZ, Sarah

17:25	[89] Overview of light readout solutions applicable to large underground Liquid Argon TPCs	SZELC, Andrej
17:50	[90] Triggering and charge readout of Liquid Argon TPCs from MeV to multi-GeV	TSAI, Yun-Tse