

7th Symposium on Neutrinos and Dark Matter in Nuclear Physics (NDM22)

Monday, May 16, 2022

Plenary: I - Arcade Ballroom (9:10 AM - 10:40 AM)

-Conveners: Kate Scholberg

time	[id] title	presenter
9:10 AM	[90] Neutrino nucleus scattering	PASTORE, Saori
9:40 AM	[68] Measuring long-baseline neutrino oscillations with NOvA and T2K	VALLARI, Zoya
10:10 AM	[104] Long-baseline neutrino oscillation experiments	WORCESTER, Elizabeth

Plenary: II - Arcade Ballroom (11:10 AM - 1:10 PM)

-Conveners: Julieta Gruszko

time	[id] title	presenter
11:10 AM	[112] [REMOTE] The Jiangmen Underground Neutrino Observatory Experiment	WANG, Wei
11:40 AM	[113] Short Baseline Overview	WONGJIRAD, Taritree
12:10 PM	[103] Sterile Neutrinos	DE GOUVEA, Andre
12:40 PM	[114] Sterile Overview	LITTLEJOHN, Bryce

Tuesday, May 17, 2022

Plenary: III - Arcade Ballroom (8:30 AM - 10:00 AM)

-Conveners: Gail McLaughlin

time	[id] title	presenter
8:30 AM	[11] Nuclear Physics of Neutron Star Mergers	Prof. DAVID, Radice
9:00 AM	[82] [REMOTE] New Frontiers for Understanding Supernova Neutrinos	BEACOM, John
9:30 AM	[111] [REMOTE] Flavor Transformation	FULLER, George

Plenary: IV - Arcade Ballroom (10:30 AM - 12:30 PM)

-Conveners: Mary Kidd

time	[id] title	presenter
10:30 AM	[94] Status and Prospects of Cosmology Surveys	Prof. TROXEL, Michael
11:00 AM	[105] Next-Generation CMB Experiments	CHANG, Clarence
11:30 AM	[69] Dark Matter in the Universe	ERICKCEK, Adrienne
12:00 PM	[110] [REMOTE] MeV-Scale Dark Matter Searches	ESTRADA, Juan

Wednesday, May 18, 2022

Plenary: V - Arcade Ballroom (8:30 AM - 10:00 AM)

-Conveners: Amy Nicholson

time	[id] title	presenter
8:30 AM	[99] Neutrino signals and/or backgrounds in dark matter detectors	STRIGARI, Louis
9:00 AM	[59] Noble Liquid Experiments for Neutrino and Dark Matter Interactions	NI, Kaixuan
9:30 AM	[100] Chiral effective field theory for dark matter direct detection	SCHWENK, Achim

Plenary: VI - Arcade Ballroom (10:30 AM - 12:30 PM)

-Conveners: Reyco Henning

time	[id] title	presenter
10:30 AM	[108] Progress in Solid State Dark Matter Detection	CUSHMAN, Priscilla
11:00 AM	[47] [REMOTE] Dark Matter Candidates	Prof. PROFUMO, Stefano
11:30 AM	[115] [REMOTE] Astrophysical axions	SAFDI, Ben
12:00 PM	[86] Prospects for Discovery of QCD Axions	WINSLOW, Lindley

Friday, May 20, 2022

Plenary: VII - Arcade Ballroom (8:30 AM - 10:00 AM)

-Conveners: Matthew Green

time	[id] title	presenter
8:30 AM	[71] [REMOTE] Lattice QCD calculations on neutrino physics and dark matter searches	FENG, Xu
9:00 AM	[17] [REMOTE] Nuclear muon capture - a probe of the $0\nu\beta\beta$ decay	Prof. SUHONEN, Jouni
9:30 AM	[20] Review of Neutrinoless Double Beta Decay Searches	JONES, Ben

Plenary: VIII - Arcade Ballroom (10:30 AM - 12:30 PM)

-Conveners: Jonathan Engel

time	[id] title	presenter
10:30 AM	[91] Nuclear matrix elements for neutrinoless double-beta decay	Prof. ŠIMKOVIC, Fedor
11:00 AM	[84] New Results from KamLAND-Zen 800 with Nearly a Ton-Year Exposure of Xe-136	GRANT, Christopher
11:30 AM	[67] Effective Field Theories for neutrinoless double beta decay	MEREGHETTI, emanuele
12:00 PM	[75] Ab initio theory for heavy nuclei and the physics of neutrinos and dark matter	HOLT, Jason

Saturday, May 21, 2022

Plenary: IX - Arcade Ballroom (10:35 AM - 12:05 PM)

-Conveners: Julieta Gruszko

time	[id] title	presenter
10:35 AM	[55] [REMOTE] Indirect Detection: Scanning the Sky for Dark Matter	PEREZ, Kerstin
11:05 AM	[109] [REMOTE] Light Dark Matter Searches at Accelerators	BATELL, Brian
11:35 AM	[65] [REMOTE] Astrophysical Neutrinos: Status and Future	WISSEL, Stephanie

Plenary: X - Arcade Ballroom (12:25 PM - 1:25 PM)

-Conveners: Jonathan Engel

time	[id] title	presenter
12:25 PM	[49] Coherent elastic neutrino nucleus scattering: physics potential, experimental efforts and prospects for the future	HAKENMUELLER, Janina
12:55 PM	[37] Direct neutrino mass searches	MONREAL, Benjamin