

Prospects of Neutrino Physics

Monday 8 April 2019

Prospects of Neutrino Physics: Afternoon 1 (Chair: Serguey Petcov) (13:30 - 15:00)

time	[id] title	presenter
13:30	[6] Opening talk	SERGUEY PETCOV/SHIGEKI MATSUMOTO
13:45	[7] Prospects in Neutrino Experiments	KAJITA, Takaaki
14:30	[8] Three-Neutrino Masses, Mixing and CP Violation: Status and Challenges	LISI, Eligio

Prospects of Neutrino Physics: Afternoon 2 (Chair: Shigeki Matsumoto) (15:30 - 16:30)

time	[id] title	presenter
15:30	[12] Cosmological Constraints on Massive Neutrinos	TAKADA, Masahiro
16:00	[9] Review of Theoretical Ideas on Neutrino Masses	EVERETT, Lisa

Prospects of Neutrino Physics: Afternoon 3 (Chair: Sunny Seo) (16:45 - 17:45)

time	[id] title	presenter
16:45	[13] Prospects with SK-Gd	VAGINS, Mark
17:15	[16] Review of the results of Reactor Neutrino Experiments (Daya Bay, RENO, Double Chooz)	ISHITSUKA, Masaki

Tuesday 9 April 2019

Prospects of Neutrino Physics: Morning 1 (Chair: Masayuki Nakahata) (09:00 - 10:30)

time	[id] title	presenter
09:00	[10] Results from T2K and Prospects with T2K-II	SAKASHITA, Ken
09:30	[11] Results from and Prospects with NOvA	JIANMING, Bian
10:00	[15] Results and Prospects for Atmospheric Neutrinos at Neutrino Telescopes	ROTT, Carsten

Prospects of Neutrino Physics: Morning 2 (Chair: Yasuo Takeuchi) (11:00 - 12:15)

time	[id] title	presenter
11:00	[14] Prospects on SuperNova Neutrinos with SK and HK	SEKIYA, Hiroyuki
11:30	[17] Physics with DUNE	SVOBODA, Robert

Prospects of Neutrino Physics: Afternoon 1 (Chair: Kenzo Nakamura) (13:30 - 15:00)

time	[id] title	presenter
13:30	[18] Physics with T2HK	FRIEND, Megan
14:00	[19] Physics with T2HKK	SEO, Seon-Hee
14:30	[20] SK results on Atmospheric Neutrinos and Prospects with HK	WENDELL, Roger

Prospects of Neutrino Physics: Afternoon 2 (Chair: Kimihiro Okumura) (15:30 - 16:30)

time	[id] title	presenter
15:30	[21] SK Results on Solar Neutrino and Prospects with HK	TAKEUCHI, Yasuo
16:00	[22] Results on Proton Decay from SK and Prospects with HK	TANAKA, Hidekazu

Prospects of Neutrino Physics: Presentations by Young Researchers (Chair: Michihisa Takeuchi) (16:45 - 17:25)

time	[id] title	presenter
16:45	[49] Tomography by neutrino pair beam	OKUI, Hisashi
17:05	[50] Testing right handed neutrinos at the linear collider	DAS, Arindam

Wednesday 10 April 2019

Prospects of Neutrino Physics: Morning 1 (Chair: Morimitsu Tanimoto) (09:00 - 10:30)

time	[id] title	presenter
09:00	[23] The Modular Invariance Approach to Neutrino Masses, Mixings and Flavor Problem"	FERUGLIO, Feruccio
09:30	[24] nuMSM and Leptogenesis	ASAKA, Takehiko
10:00	[25] bb0nu Decay Searches: Current Status and Prospects	INOUE, Kunio

Prospects of Neutrino Physics: Morning 2 (Chair: Eligio Lisi) (11:00 - 12:30)

time	[id] title	presenter
11:00	[26] Theory of bb0nu Decay: Elementary Particle Physics Aspects	RODEJOHANN, Werner
11:30	[27] Theory of bb0nu-Decay: Nuclear Physics Aspects	SUHONEN, Jouni
12:00	[28] Results and Prospects on Geo-Neutrinos	WATANABE, Hiroko

Thursday 11 April 2019

Prospects of Neutrino Physics: Morning 1 (Chair: Ferruccio Feruglio) (09:00 - 10:30)

time	[id] title	presenter
09:00	[29] Leptogenesis and Low-Energy Leptonic CP Violation	TURNER, Jessica
09:30	[30] The Neutrino Option	TROTT, Michael
10:00	[31] Status and Prospects of eV Sterile Neutrinos	MARTINEZ-SOLER, Ivan

Prospects of Neutrino Physics: Morning 2 (Chair: Robert Svoboda) (11:00 - 12:30)

time	[id] title	presenter
11:00	[32] Physics Potential of JUNO	MIAO, He
11:30	[33] Physics with ORCA	HOFESTAEDT, Jannik
12:00	[34] Physics with Indian Neutrino Observatory	KUMAR AGARWALLA, Sanjib

Prospects of Neutrino Physics: Afternoon 1 (Chair: Masahiro Ibe) (13:30 - 15:00)

time	[id] title	presenter
13:30	[35] Experimental prospects of Charged Lepton Flavor Violation	KUNO, Yoshihito
14:00	[36] Predictions of Neutrino Mass Models for Charged Lepton Flavour Violation	CALIBBI, Lorenzo
14:30	[37] Sign of CP violating phases in neutrinos and quarks	TANIMOTO, Morimitsu

Prospects of Neutrino Physics: Presentations by Young Researchers (Chair: Satoshi Shirai) (15:30 - 16:50)

time	[id] title	presenter
15:30	[51] Leptogenesis from active neutrino oscillation	YIN, Wen
15:50	[52] Resonant leptogenesis at TeV-scale and neutrinoless double beta decay	YOSHIDA, Takahiro
16:10	[53] General SU(N) Scotogenic (non-)Supersymmetric and CFT Models	POPOV, Oleg
16:30	[54] Higgs parity, SO(10) Unification and future colliders	HARIGAYA, Keisuke

Friday 12 April 2019

Prospects of Neutrino Physics: Morning 1 (Chair: Jessica Turner) (09:00 - 10:30)

time	[id] title	presenter
09:00	[39] "Theory of Neutrino Oscillations in Matter for T2K, NovA, T2HK, T2HKK and DUNE"	KUMAR AGARWALLA, Sanjib
09:30	[40] Proton decay (Theory)	NAGATA, Natsumi
10:00	[38] Testing Seesaw with Gravitational Waves	MURAYAMA, Hitoshi

Prospects of Neutrino Physics: Morning 2 (Chair: Shao-Feng Ge) (11:00 - 12:30)

time	[id] title	presenter
11:00	[44] Status and Prospects of NSI	MARFATIA, Danny
11:30	[41] Muon decay at rest for CP measurement	EVSLIN, Jarah
12:00	[43] Exotic Physics Searches at Neutrino Detectors	KRNJAIC, Gordan

Prospects of Neutrino Physics: Afternoon 1 (Chair: Jouni Suhonen) (13:30 - 15:00)

time	[id] title	presenter
13:30	[42] Neutrino Trident Production	HOSTERT, Matheus
14:00	[45] Direct Detection Prospects for the Cosmic Neutrino Background	SPINRATH, Martin
14:30	[46] Coherent Scattering Results and Future Prospects	VIVIER, Matthieu

Prospects of Neutrino Physics: Afternoon 2 (Chair: Shigeki Matsumoto) (15:30 - 16:15)

time	[id] title	presenter
15:30	[47] Particle Physics Prospects of Neutrino Coherent Scattering	WALKER, Joel
16:00	[48] Closing talk	SERGUEY PETCOV/SHIGEKI MATSUMOTO