Applied Antineutrino Physics 2019

Report of Contributions

https://indico.cern.ch/e/833568

Contribution ID: **2** Type: **not specified**

Welcome

Thursday, 5 December 2019 09:00 (15 minutes)

Presenter: WANG, Wei

Contribution ID: **3** Type: **not specified**

General information

Thursday, 5 December 2019 09:15 (10 minutes)

Presenter: HOR, Joseph

Contribution ID: **4** Type: **not specified**

Questions of flavour

Thursday, 5 December 2019 09:40 (40 minutes)

Presenter: ILIOPOULOS, John

Contribution ID: **9** Type: **not specified**

Antineutrinos for Safeguarding Nuclear Waste

Thursday, 5 December 2019 11:20 (35 minutes)

Presenter: WITTEL, Madalina

Contribution ID: **13** Type: **not specified**

The DPRK nuclear dilemma and China's countermeasures (朝鲜半岛核问题与中国对策)

Thursday, 5 December 2019 13:30 (30 minutes)

Presenter: ZHUO, Chen

Contribution ID: **17** Type: **not specified**

Sterile neutrino oscillometry with Jinping

Thursday, 5 December 2019 16:35 (35 minutes)

Presenter: SMIRNOV, Mikhail

Contribution ID: **18** Type: **not specified**

AIT & WATCHMAN

Friday, 6 December 2019 09:00 (35 minutes)

Presenter: BERNSTEIN, Adam

Contribution ID: **19** Type: **not specified**

The RED-100 experiment

Friday, 6 December 2019 11:05 (35 minutes)

Presenter: AKIMOV, Dmitry

Contribution ID: **20** Type: **not specified**

Status and Latest Results of the CHANDLER Project

Friday, 6 December 2019 13:30 (35 minutes)

Presenter: LINK, Joe

Contribution ID: **21** Type: **not specified**

Reactor Monitoring with the DANSS Antineutrino Detector

Friday, 6 December 2019 15:35 (35 minutes)

Presenter: SVIRIDA, Dmitry

Contribution ID: **22** Type: **not specified**

Measurement of reactor neutrinos using plastic scintillator array on the ground

Saturday, 7 December 2019 08:30 (35 minutes)

Presenter: KONNO, Tomoyuki

Contribution ID: **23** Type: **not specified**

Reactor Antineutrino Detector Development at LLNL using PSD capable Plastic Scintillators with Li-6 Doping

Saturday, 7 December 2019 10:35 (45 minutes)

Presenter: BOWDEN, Nathaniel

Contribution ID: **24** Type: **not specified**

Meeting summary

Saturday, 7 December 2019 11:55 (30 minutes)

Presenter: WITTEL, Madalina

Contribution ID: **25** Type: **not specified**

Next meeting & closing remarks

Saturday, 7 December 2019 12:25 (15 minutes)

Presenter: NATHANIEL

Contribution ID: **35** Type: **not specified**

Opening speech

Thursday, 5 December 2019 09:25 (15 minutes)

Presenter: DEAN

Contribution ID: **36** Type: **not specified**

Contributions of Non-Fuel Antineutrinos at the High Flux Isotope Reactor

Thursday, 5 December 2019 10:45 (35 minutes)

Presenter: CONANT, Andrew

Contribution ID: **37** Type: **not specified**

Present status of experiment Neutrino-4

Thursday, 5 December 2019 14:00 (35 minutes)

Presenter: SEREBROV, Anatolii

Contribution ID: **38** Type: **not specified**

Prospects of experiment Neutrino-4

Thursday, 5 December 2019 14:35 (35 minutes)

Presenter: SAMOILOV, Rudolf

Contribution ID: **39** Type: **not specified**

Reactor antineutrino measurement at Daya Bay

Thursday, 5 December 2019 15:10 (35 minutes)

Presenter: HU, Jianrun

Contribution ID: **40** Type: **not specified**

Results and Updates from the PROSPECT Experiment

Thursday, 5 December 2019 15:45 (35 minutes)

Presenter: LITTLEJOHN, Bryce

Contribution ID: **41** Type: **not specified**

Neutrinoless double beta decay and the challenge it poses for nuclear physics

Thursday, 5 December 2019 17:10 (35 minutes)

Presenter: JIAO, changfeng

Contribution ID: **42** Type: **not specified**

Constraints on solar dmˆ2 using 4000 days of short baseline reactor neutrino data

Thursday, 5 December 2019 17:45 (35 minutes)

Presenter: SEO, Sunny

Contribution ID: **43** Type: **not specified**

Update on the IUPAP Neutrino Panel

Thursday, 5 December 2019 18:20 (10 minutes)

Presenter: SEO, Sunny

Contribution ID: **44** Type: **not specified**

Sensitivity and Discovery Potential of WATCHMAN

Friday, 6 December 2019 09:35 (35 minutes)

Presenter: AKINDELE, Tomi

Contribution ID: **45** Type: **not specified**

Status of JUNO

Friday, 6 December 2019 10:10 (35 minutes)

Presenter: ZHAN, Liang

Contribution ID: **46** Type: **not specified**

CEvNS for safeguards

Friday, 6 December 2019 11:40 (35 minutes)

Presenter: HUBER, Patrick

Contribution ID: **47** Type: **not specified**

Recent results from RENO

Friday, 6 December 2019 14:05 (35 minutes)

Presenter: SEO, Hyunkwan

Contribution ID: **48** Type: **not specified**

Status of NEOS

Friday, 6 December 2019 14:40 (35 minutes)

Presenter: OH, Yoomin

Contribution ID: **49** Type: **not specified**

Accurate measurement of reactor neutrinos close to surface with STEREO

Friday, 6 December 2019 16:10 (35 minutes)

Presenter: SAVU, Vladimir

Contribution ID: **50** Type: **not specified**

Updates of SoLiD experiment

Friday, 6 December 2019 17:20 (35 minutes)

Presenter: VACHERET, Antonin

Contribution ID: **51** Type: **not specified**

Double Chooz Latest Results

Friday, 6 December 2019 16:45 (35 minutes)

Presenter: JUNQUEIRA, Thiago

Contribution ID: **52** Type: **not specified**

Development of realistic uncertainties in the summation method for nuclear reactor antineutrino applications

Saturday, 7 December 2019 09:05 (35 minutes)

Presenter: SONZOGNI, Alejandro

Contribution ID: **53** Type: **not specified**

Uncertainty study in analyzing the reactor neutrino anomaly based on nuclear structure physics

Saturday, 7 December 2019 09:40 (35 minutes)

Presenter: WANG , Xiaobao

Contribution ID: **54** Type: **not specified**

CAEN for neutrino physics experiments. DAQ solution and use cases

Saturday, 7 December 2019 11:20 (35 minutes)

Presenter: GIVOLETTI, Jacopo