

NuSTEC Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Spokes Report: White Paper, NuSTEC goals, projects

Monday, 10 December 2018 08:30 (30 minutes)

Presenters: MORFIN, Jorge (Fermilab); Dr ALVAREZ-RUSO, Luis (University of Valencia)

Session Classification: I) Summary of 2018 Activities

Contribution ID: 1

Type: **not specified**

SIS-DIS Workshop: Summary, Annotated Slides

Monday, 10 December 2018 09:00 (30 minutes)

Presenter: Dr KATORI, Teppei (Queen Mary University of London)

Session Classification: I) Summary of 2018 Activities

Contribution ID: 2

Type: **not specified**

INT Workshop on Elementary amplitudes– ν -H and ν -D

Monday, 10 December 2018 09:30 (20 minutes)

Presenter: HILL, Richard

Session Classification: I) Summary of 2018 Activities

Contribution ID: 3

Type: **not specified**

Proposal for experimental extraction of nu-H cross section

Monday, 10 December 2018 09:50 (20 minutes)

Presenters: Dr PETTI, Roberto (University of South Carolina); Prof. PETTI, Roberto (Univ. of South Carolina)

Session Classification: I) Summary of 2018 Activities

Contribution ID: 4

Type: **not specified**

NuSTEC School at CERN: when and in which format

Monday, 10 December 2018 10:10 (20 minutes)

Presenter: Dr ALVAREZ-RUSO, Luis (University of Valencia)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 5

Type: **not specified**

Proposal to hold 2019 Board Meeting as a Workshop

Monday, 10 December 2018 10:30 (10 minutes)

Presenters: MORFIN, Jorge (Fermilab); Dr ALVAREZ-RUSO, Luis (University of Valencia)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 6

Type: **not specified**

Coffee break

Monday, 10 December 2018 10:40 (20 minutes)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 7

Type: **not specified**

2018 and 2019 Trento Workshops

Monday, 10 December 2018 11:00 (20 minutes)

Presenter: Prof. SANCHEZ, Federico

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 8

Type: **not specified**

NP-HEP (USA) synergies for neutrino experiments

Monday, 10 December 2018 11:20 (20 minutes)

Presenter: MAHN, Kendall

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 9

Type: **not specified**

White paper follow up: establishing priorities

Monday, 10 December 2018 11:40 (10 minutes)

Experiment priorities (maximum 10 minutes each):

- T2K / HT2K(Sara B)
- MicroBooNE / SBND (Raquel C and Andy F)
- MINERvA (Jorge M)
- DUNE (Roberto P_
- NOvA (Jon P)

Presenters: FURMANSKI, Andrew; Dr PALEY, Jonathan (Fermilab); MORFIN, Jorge (Fermilab); Prof. MAHN, Kendall (Michigan State University); Dr CASTILLO FERNANDEZ, Raquel (Fermilab); Prof. PETTI, Roberto (Univ. of South Carolina); Dr PETTI, Roberto (University of South Carolina); Dr BOLOGNESI, Sara (IRFU, CEA Saclay)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: **10**

Type: **not specified**

Deep Dive Workshop on resonances

Monday, 10 December 2018 12:40 (20 minutes)

Presenter: Dr PALEY, Jonathan (Fermilab)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: **11**

Type: **not specified**

NEUT Update

Presenters: Dr HAYATO, Yoshinari (Kamioka, ICRR, Univ. of Tokyo); Dr HAYATO, Yoshinari (The University of Tokyo)

Contribution ID: 12

Type: **not specified**

Neutrinos at CERN

Tuesday, 11 December 2018 08:50 (25 minutes)

Presenter: Dr DE ROECK, Albert

Session Classification: III) NuSTEC (and related) activities for 2019 Continued

Contribution ID: 14

Type: **not specified**

JLab program

Tuesday, 11 December 2018 09:30 (20 minutes)

Presenter: Prof. MARIANI, Camillo (Virginia Tech)

Session Classification: III) NuSTEC (and related) activities for 2019 Continued

Contribution ID: 15

Type: **not specified**

Neutrino-theory collaboration @ Fermilab

Tuesday, 11 December 2018 09:50 (20 minutes)

Presenters: ASHKENAZI, Adi; Dr BETANCOURT, Minerba (Fermilab)

Session Classification: III) NuSTEC (and related) activities for 2019 Continued

Contribution ID: **16**

Type: **not specified**

Coffee Break

Tuesday, 11 December 2018 10:10 (20 minutes)

Session Classification: III) NuSTEC (and related) activities for 2019 Continued

Contribution ID: 17

Type: **not specified**

SuSA in GENIE

Tuesday, 11 December 2018 10:30 (20 minutes)

Presenter: Mr MEGIAS VAZQUEZ, Guillermo Daniel (University of Seville, Spain)

Session Classification: IV) Theory Needs / Deliveries

Contribution ID: **18**

Type: **not specified**

Ab initio / GFMC

Tuesday, 11 December 2018 10:50 (20 minutes)

Presenter: Dr LOVATO, Alessandro (Trento Institute for Fundamental Physics & Argonne National Laboratory)

Session Classification: IV) Theory Needs / Deliveries

Contribution ID: **19**

Type: **not specified**

Current activity and future plans

Tuesday, 11 December 2018 11:10 (20 minutes)

Presenter: Dr JACHOWICZ, Natalie (Ghent University)

Session Classification: IV) Theory Needs / Deliveries

Contribution ID: 20

Type: **not specified**

Weak pion production in ChPT

Tuesday, 11 December 2018 11:30 (20 minutes)

Presenter: Dr ALVAREZ-RUSO, Luis (University of Valencia)

Session Classification: IV) Theory Needs / Deliveries

Contribution ID: 21

Type: **not specified**

GENIE

Tuesday, 11 December 2018 11:50 (30 minutes)

Presenter: Mr DYTMAN, Steven (Univ. of Pittsburgh)

Session Classification: V) Generator updates (recent changes and future needs)

Contribution ID: 22

Type: **not specified**

NuWro update

Tuesday, 11 December 2018 12:20 (20 minutes)

Presenter: SOBCZYK, Jan (Wroclaw University)

Session Classification: V) Generator updates (recent changes and future needs)

Contribution ID: 23

Type: **not specified**

NEUT Update

Tuesday, 11 December 2018 08:30 (20 minutes)

Presenters: Dr HAYATO, Yoshinari (The University of Tokyo); Dr HAYATO, Yoshinari (Kamioka, ICRR, Univ. of Tokyo)

Session Classification: V) I) Generator updates (recent changes and future needs)

Contribution ID: 24

Type: **not specified**

Experiment priorities: T2K / HT2K

Monday, 10 December 2018 11:50 (10 minutes)

Presenter: Dr BOLOGNESI, Sara (IRFU, CEA Saclay)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 25

Type: **not specified**

Experiment priorities: MicroBooNE / SBND

Monday, 10 December 2018 12:00 (10 minutes)

Presenters: FURMANSKI, Andrew; Dr CASTILLO FERNANDEZ, Raquel (Fermilab)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 26

Type: **not specified**

Experiment priorities: MINERvA

Monday, 10 December 2018 12:10 (10 minutes)

Presenter: MORFIN, Jorge (Fermilab)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 27

Type: **not specified**

Experiment priorities: DUNE

Monday, 10 December 2018 12:20 (10 minutes)

Presenters: Dr PETTI, Roberto (University of South Carolina); Prof. PETTI, Roberto (Univ. of South Carolina)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 28

Type: **not specified**

Experiment priorities: NOvA

Monday, 10 December 2018 12:30 (10 minutes)

Presenter: Dr PALEY, Jonathan (Fermilab)

Session Classification: II) NuSTEC (and related) activities for 2019

Contribution ID: 29

Type: **not specified**

recap of the meeting day1

Tuesday, 11 December 2018 09:15 (15 minutes)

Presenter: MORFIN, Jorge (Fermilab)

Session Classification: III) NuSTEC (and related) activities for 2019 Continued