

PITT PACC SBN Physics Workshop



Report of Contributions

Contribution ID: **0**

Type: **not specified**

Welcome

Tuesday, January 26, 2016 9:00 AM (10 minutes)

Presenter: HAN, Tao (University of Pittsburgh)

Session Classification: Session I: Plenary

Contribution ID: 1

Type: **not specified**

Status of Short-Baseline Neutrino Oscillation Fits

Tuesday, January 26, 2016 9:10 AM (40 minutes)

Primary author: GIUNTI, Carlo (INFN - National Institute for Nuclear Physics)

Presenter: GIUNTI, Carlo (INFN - National Institute for Nuclear Physics)

Session Classification: Session I: Plenary

Contribution ID: 2

Type: **not specified**

Cosmological Constraints

Tuesday, January 26, 2016 9:50 AM (40 minutes)

Primary author: LATTANZI, Massimiliano (University of Ferrara)

Presenter: LATTANZI, Massimiliano (University of Ferrara)

Session Classification: Session I: Plenary

Contribution ID: 3

Type: **not specified**

Astrophysical/Supernova Impact on Sterile Neutrino Searches

Primary authors: FRIEDLAND, Alexander (Los Alamos National Laboratory); TAMBORRA, Irene

Presenters: FRIEDLAND, Alexander (Los Alamos National Laboratory); TAMBORRA, Irene

Contribution ID: 4

Type: **not specified**

ICARUS T-600 Intro & Status

Contribution ID: 5

Type: **not specified**

Impact on LBL Oscillation Measurements

Tuesday, January 26, 2016 11:00 AM (45 minutes)

Primary author: KAYSER, Boris

Presenter: KAYSER, Boris

Session Classification: Session II

Contribution ID: 6

Type: **not specified**

Impact of sterile neutrinos on cLFV processes

Tuesday, January 26, 2016 11:45 AM (45 minutes)

Co-author: DE ROMERI, Valentina (UAM)

Presenter: DE ROMERI, Valentina (UAM)

Session Classification: Session II

Contribution ID: 7

Type: **not specified**

Analysis strategies 3

Contribution ID: 8

Type: **not specified**

Reactor results: Overview and Future

Tuesday, January 26, 2016 2:00 PM (30 minutes)

Primary authors: LITTLEJOHN, Bryce (University of Wisconsin - Madison); Dr LANGFORD, T.

Presenters: LITTLEJOHN, Bryce (University of Wisconsin - Madison); Dr LANGFORD, T.

Session Classification: Session III

Contribution ID: 9

Type: **not specified**

Searches for sterile neutrinos at MINOS/MINOS+

Tuesday, January 26, 2016 2:30 PM (30 minutes)

Co-author: AURISANO, Adam

Presenter: AURISANO, Adam

Session Classification: Session III

Contribution ID: **10**

Type: **not specified**

Overview of Radioactive Sources

Tuesday, January 26, 2016 3:00 PM (30 minutes)

Primary author: LASSERRE, Thierry

Presenter: LASSERRE, Thierry

Session Classification: Session III

Contribution ID: 11

Type: **not specified**

SBN Overview and Roadmap

Wednesday, January 27, 2016 9:00 AM (45 minutes)

Primary author: JAMES, Catherine Chase (Fermi National Accelerator Lab. (US))

Presenter: JAMES, Catherine Chase (Fermi National Accelerator Lab. (US))

Session Classification: Session I: Plenary

Contribution ID: 12

Type: **not specified**

MicroBooNE Experience

Contribution ID: 13

Type: **not specified**

Analysis Strategies: SBND/MicroBooNE Detectors

Contribution ID: 14

Type: **not specified**

SBN Proposal Analysis, Backgrounds Estimates and Mitigation Strategies

Wednesday, January 27, 2016 11:20 AM (20 minutes)

Primary author: ZENNAMO, Joseph (University of Chicago)

Presenter: ZENNAMO, Joseph (University of Chicago)

Session Classification: Session II

Contribution ID: 15

Type: **not specified**

Analysis Strategies: ICARUS

Wednesday, January 27, 2016 12:00 PM (20 minutes)

Primary author: GIBIN, daniele (Universita' di Padova)

Presenter: GIBIN, daniele (Universita' di Padova)

Session Classification: Session II

Contribution ID: 16

Type: **not specified**

Analysis Strategies:T2K

Wednesday, January 27, 2016 1:50 PM (45 minutes)

Primary author: MAHN, Kendall (MSU)

Presenter: MAHN, Kendall (MSU)

Session Classification: Session III

Contribution ID: 17

Type: **not specified**

Analysis Strategies: NOvA

Wednesday, January 27, 2016 2:35 PM (45 minutes)

Primary author: Dr DHAMAPLAN, R.

Presenter: Dr DHAMAPLAN, R.

Session Classification: Session III

Contribution ID: **18**

Type: **not specified**

Flux: MiniBooNE

Tuesday, January 26, 2016 4:00 PM (30 minutes)

Primary author: Prof. JOHNSON, Randy (University of Cincinnati)

Presenter: JOHNSON, Randy (University of Cincinnati)

Session Classification: Session IV

Contribution ID: 19

Type: **not specified**

Updates to Flux Prediction: MiniBooNE

Tuesday, January 26, 2016 4:30 PM (30 minutes)

Primary author: WICKREMASINGHE, Don Athula (University of Pittsburgh (US))

Presenter: WICKREMASINGHE, Don Athula (University of Pittsburgh (US))

Session Classification: Session IV

Contribution ID: 20

Type: **not specified**

BNB Upgrade

Tuesday, January 26, 2016 5:00 PM (30 minutes)

Co-author: PAVLOVIC, Zarko

Presenter: PAVLOVIC, Zarko

Session Classification: Session IV

Contribution ID: **21**

Type: **not specified**

PAC Recommendations for SBN

Wednesday, January 27, 2016 3:50 PM (15 minutes)

Session Classification: Session IV

Contribution ID: 22

Type: **not specified**

Global Discussion

Wednesday, January 27, 2016 4:05 PM (1 hour)

Session Classification: Session IV

Contribution ID: 23

Type: **not specified**

Summary and Concluding Remarks

Wednesday, January 27, 2016 5:05 PM (15 minutes)

Primary author: PAOLONE, Vittorio (University of Pittsburgh)

Presenter: PAOLONE, Vittorio (University of Pittsburgh)

Session Classification: Session IV

Contribution ID: 24

Type: **not specified**

ICARUS Detector

Wednesday, January 27, 2016 11:00 AM (20 minutes)

Primary author: ZANI, Andrea (CERN)

Presenter: ZANI, Andrea (CERN)

Session Classification: Session II

Contribution ID: 25

Type: **not specified**

MicroBooNE

Wednesday, January 27, 2016 9:45 AM (45 minutes)

Primary author: LITTLEJOHN, Bryce (University of Wisconsin - Madison)

Presenter: LITTLEJOHN, Bryce (University of Wisconsin - Madison)

Session Classification: Session I: Plenary

Contribution ID: 26

Type: **not specified**

SBN Systematic Uncertainties

Wednesday, January 27, 2016 11:40 AM (20 minutes)

Primary author: ADAMS, Corey

Presenter: ADAMS, Corey

Session Classification: Session II