

**NuInt07**

# **Report of Contributions**

Contribution ID: 1

Type: **not specified**

# Why understanding neutrino interactions is important for oscillation physics

*Wednesday, 30 May 2007 09:15 (30 minutes)*

**Presenter:** WALTER, Chris (Duke University)

**Session Classification:** Session 1: Motivation: Using Neutrino Interactions to Search for New Physics

**Track Classification:** Using Neutrinos as a Probe of the Strong Interaction

Contribution ID: 2

Type: **not specified**

# Why understanding neutrino interactions is important for Beyond-SM physics

*Wednesday, 30 May 2007 09:45 (30 minutes)*

**Presenter:** LUNARDINI, Cecilia (University of Washington)

**Session Classification:** Session 1: Motivation: Using Neutrino Interactions to Search for New Physics

**Track Classification:** Using Neutrinos as a Probe of the Strong Interaction

Contribution ID: 3

Type: **not specified**

# Why understanding neutrino interactions is important for astrophysics

*Wednesday, 30 May 2007 10:15 (30 minutes)*

**Presenter:** MCLAUGHLIN, Gail (North Carolina State University)

**Session Classification:** Session 1: Motivation: Using Neutrino Interactions to Search for New Physics

**Track Classification:** Using Neutrinos as a Probe of the Strong Interaction

Contribution ID: 4

Type: **not specified**

## Overview of progress in neutrino scattering measurements

*Wednesday, 30 May 2007 11:20 (30 minutes)*

**Presenter:** SOREL, Michel (University of Valencia)

**Session Classification:** Session 2: Progress: Review of New Results in Neutrino Interactions

**Track Classification:** Progress: Review of New Results in Neutrino Interactions

Contribution ID: 5

Type: **not specified**

## Overview of progress in electron scattering measurements

*Wednesday, 30 May 2007 11:50 (30 minutes)*

**Presenter:** BRADFORD, Bob (Rochester University)

**Session Classification:** Session 2: Progress: Review of New Results in Neutrino Interactions

**Track Classification:** Progress: Review of New Results in Neutrino Interactions

Contribution ID: 6

Type: **not specified**

## Overview of progress in neutrino simulation codes

*Wednesday, 30 May 2007 12:20 (30 minutes)*

**Presenter:** ANDREOPOULOS, Costas (Rutherford Appleton Laboratory)

**Session Classification:** Session 2: Progress: Review of New Results in Neutrino Interactions

**Track Classification:** Progress: Review of New Results in Neutrino Interactions

Contribution ID: 8

Type: **not specified**

## MiniBooNe

**Presenter:** Prof. TAYLOE, Rex (Indiana University)



Contribution ID: 9

Type: **not specified**

## SciBooNE

**Presenter:** Dr NAPORA, Robert (PUC)

Contribution ID: **10**

Type: **not specified**

## NuMI Beamline

**Presenter:** KOPP, Sacha Elmer (FNAL)

Contribution ID: 11

Type: **not specified**

## **MINOS Near Detector**

**Presenter:** BHATTACHARYA, Debdatta (University of Pittsburgh)

Contribution ID: 12

Type: **not specified**

## MINERvA

**Presenter:** NELSON, Jeff (College of William & Mary)

Contribution ID: 13

Type: **not specified**

## **NOvA Near Detector**

**Presenter:** ISHITSUKA, Masaki (Indiana University)

Contribution ID: 14

Type: **not specified**

## **K2K Near and Beamline**

**Presenter:** RODRIGUEZ, Anna (Barcelona)

Contribution ID: 15

Type: **not specified**

## **T2K Near and Beamline**

**Presenter:** TBD

Contribution ID: **16**

Type: **not specified**

## **NuSNS**

**Presenter:** SCHOLBERG, Kate (Duke University)



Contribution ID: 17

Type: **not specified**

# Inclusive Electron Scattering from Nuclei in the Quasi-Elastic Region

*Thursday, 31 May 2007 09:00 (25 minutes)*

**Presenter:** DAY, Donal (University of Virginia)

**Session Classification:** Session 4: Nuclear Effects

**Track Classification:** Nuclear Effects

Contribution ID: 18

Type: **not specified**

## The Nucleons Went Two by Two: Studying Correlations with $(e,e'pp)$

*Thursday, 31 May 2007 09:25 (25 minutes)*

**Presenter:** WEINSTEIN, Larry (ODU)

**Session Classification:** Session 4: Nuclear Effects

**Track Classification:** Nuclear Effects

Contribution ID: 19

Type: **not specified**

# Nuclear Structure Effects in Neutrino DIS Calculations

*Thursday, 31 May 2007 09:50 (25 minutes)*

**Presenter:** KULAGIN, Sergei (INR (Moscow))

**Session Classification:** Session 4: Nuclear Effects

**Track Classification:** Nuclear Effects

Contribution ID: 20

Type: **not specified**

## **EMC Effect in Electron and Neutrino Scattering**

*Thursday, 31 May 2007 10:15 (25 minutes)*

**Presenter:** CLOET, Ian (Argonne National Lab)

**Session Classification:** Session 4: Nuclear Effects

**Track Classification:** Nuclear Effects

Contribution ID: 22

Type: **not specified**

## Neutral Current $\pi^0$ Production at MiniBooNE

*Friday, 1 June 2007 09:00 (25 minutes)***Presenter:** LINK, Jonathon (Virginia Polytechnic Institute)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 23

Type: **not specified**

## Coherent Pion Production Measurement Capabilities at MINERvA

*Friday, 1 June 2007 09:25 (15 minutes)*

**Presenter:** GALLAGHER, Hugh (Tufts University)

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 24

Type: **not specified**

# Coherent Pion Production and Resonance Analysis

*Friday, 1 June 2007 09:40 (25 minutes)*

**Presenter:** PASCHOS, Emmanuel (Dortmund University)

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 25

Type: **not specified**

## Session 6 Discussion 1

*Friday, 1 June 2007 10:30 (15 minutes)*

**Presenter:** ALL

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production



Contribution ID: 26

Type: **not specified**

## MiniBooNE

*Wednesday, 30 May 2007 14:30 (30 minutes)*

**Presenter:** TAYLOE, Rex (Indiana University)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 27

Type: **not specified**

## SciBooNE

*Wednesday, 30 May 2007 15:00 (20 minutes)*

**Presenter:** NAPORA, Robert (PUC)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 28

Type: **not specified**

## NuMI Beamline

*Wednesday, 30 May 2007 15:20 (20 minutes)*

**Presenter:** KOPP, Sacha (University of Texas)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 29

Type: **not specified**

## **MINOS Near Detector**

*Wednesday, 30 May 2007 15:40 (20 minutes)*

**Presenter:** BHATTACHARYA, Debdatta (University of Pittsburgh)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: **30**

Type: **not specified**

## **MINERvA**

*Wednesday, 30 May 2007 16:30 (25 minutes)*

**Presenter:** NELSON, Jeff (College of William & Mary)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: **31**

Type: **not specified**

## **NOvA Near Detector**

*Wednesday, 30 May 2007 16:55 (20 minutes)*

**Presenter:** ISHITSUKA, Masaki (Indiana University)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 32

Type: **not specified**

## **K2K Beam and Near Detectors**

*Wednesday, 30 May 2007 17:15 (25 minutes)*

**Presenter:** RODRIGUEZ, Ana (IFAE Barcelona)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 33

Type: **not specified**

## **T2K Near and Beamline**

*Wednesday, 30 May 2007 17:40 (25 minutes)*

**Presenter:** VACHERET, Antonin (Imperial College London)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments



Contribution ID: **34**

Type: **not specified**

## **NuSNS**

*Wednesday, 30 May 2007 18:05 (20 minutes)*

**Presenter:** SCHOLBERG, Kate (Duke University)

**Session Classification:** Session 3: Current and Future Experiments

**Track Classification:** Current and Future Experiments

Contribution ID: 35

Type: **not specified**

## Review of Spectral Function Work

*Thursday, 31 May 2007 11:15 (30 minutes)*

**Presenter:** BENHAR, Omar (INFN - Rome)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 36

Type: **not specified**

## **K2K QE Results from SciBar**

*Thursday, 31 May 2007 11:45 (30 minutes)*

**Presenter:** SANCHEZ, Federico (IFAE Barcelona)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 37

Type: **not specified**

# Charged-Current Interaction Measurements in MiniBooNE

*Thursday, 31 May 2007 12:15 (30 minutes)*

**Presenter:** KATORI, Teppei (Indiana University)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: **38**

Type: **not specified**

## **MiniBooNE NC-E Interactions**

*Thursday, 31 May 2007 14:30 (30 minutes)*

**Presenter:** COX, Christopher (Indiana University)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 39

Type: **not specified**

## Search for proton medium modifications in the $^4\text{He}(e,e'p)$ reaction

*Thursday, 31 May 2007 15:00 (30 minutes)*

**Presenter:** STRAUCH, Steffen (University of South Carolina)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 40

Type: **not specified**

## Session 5: Summary, Prospects, Challenges, Discussion

*Thursday, 31 May 2007 15:30 (30 minutes)*

**Presenter:** GRAN, Richard (University of Minnesota - Duluth)

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 41

Type: **not specified**

## Charged Current pi+ Production at MiniBooNE

*Friday, 1 June 2007 11:10 (20 minutes)***Presenter:** FLEMING, Bonnie (Yale University)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production



Contribution ID: 42

Type: **not specified**

## Charged Current pi+ Production at K2K

*Friday, 1 June 2007 11:30 (25 minutes)***Presenter:** WHITEHEAD, Lisa (Stony Brook University)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 43

Type: **not specified**

## Single Pion Measurement Capabilities at SciBooNE

*Friday, 1 June 2007 12:20 (15 minutes)*

**Presenter:** NAKAJIMA, Yasuhiro (Kyoto University)

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 44

Type: **not specified**

# Phenomenological Study of Single Pion Production

*Friday, 1 June 2007 14:30 (25 minutes)*

**Presenter:** SAKUDA, Makoto (Okayama University)

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

Contribution ID: 45

Type: **not specified**

## NC and CC Neutrino-Nucleus Scattering

*Friday, 1 June 2007 14:55 (25 minutes)***Presenter:** MOSEL, Ulrich (Giessen)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

Contribution ID: 46

Type: **not specified**

## Single Pion Production Calculations

*Friday, 1 June 2007 12:35 (25 minutes)***Presenter:** SINGH, Shri (Aligarh Muslim University)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 47

Type: **not specified**

# Understanding the Forward Muon Deficit in Coherent Pion Production

*Friday, 1 June 2007 10:05 (25 minutes)*

**Presenter:** SEHGAL, Lalit (RWTH Aachen)

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 48

Type: **not specified**

## Session 6 Discussion 2

*Friday, 1 June 2007 15:20 (20 minutes)*

**Presenter:** ALL

**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 49

Type: **not specified**

# Neutrino Cross Section Physics: Past, Present and Future

*Friday, 1 June 2007 16:00 (1 hour)*

Wine & Cheese Seminar

**Presenter:** ZELLER, Geralyn (Columbia University)

**Session Classification:** Fermilab Joint Theoretical-Experimental Seminar



Contribution ID: 50

Type: **not specified**

## NuTeV Structure Function Measurements

*Sunday, 3 June 2007 09:00 (40 minutes)***Presenter:** NAPLES, Donna (University of Pittsburgh)**Session Classification:** Session 8: Deep Inelastic Scattering**Track Classification:** Deep Inelastic Scattering

Contribution ID: 51

Type: **not specified**

# Nuclear Corrections and Parton Distribution Functions - Lessons Learned from Global Fitting

*Sunday, 3 June 2007 09:40 (25 minutes)*

**Presenter:** OWENS, Jeff (Florida State University)

**Session Classification:** Session 8: Deep Inelastic Scattering

**Track Classification:** Deep Inelastic Scattering

Contribution ID: 52

Type: **not specified**

## Strangeness Asymmetry

*Sunday, 3 June 2007 10:05 (25 minutes)*

**Presenter:** MASON, Dave (Fermilab)

**Session Classification:** Session 8: Deep Inelastic Scattering

**Track Classification:** Deep Inelastic Scattering

Contribution ID: 53

Type: **not specified**

## NuTeV Weak Mixing Angle

**Presenter:** TBD

Contribution ID: 54

Type: **not specified**

# Hadronization Models and Tuning for MINOS

*Sunday, 3 June 2007 11:20 (25 minutes)***Presenter:** YANG, Tingjun (Stanford University)**Session Classification:** Session 8: Deep Inelastic Scattering**Track Classification:** Deep Inelastic Scattering

Contribution ID: 55

Type: **not specified**

## Deeply Virtual Neutrino Scattering

*Sunday, 3 June 2007 11:45 (25 minutes)*

**Presenter:** PSAKER, Ales (Hampton University/Jefferson Lab)

**Session Classification:** Session 8: Deep Inelastic Scattering

**Track Classification:** Deep Inelastic Scattering

Contribution ID: 56

Type: **not specified**

# The Low-Q DIS Scattering Data in the Global Fit of PDFs

*Sunday, 3 June 2007 12:10 (25 minutes)*

**Presenter:** PETTI, Roberto (University of South Carolina)

**Session Classification:** Session 8: Deep Inelastic Scattering

**Track Classification:** Deep Inelastic Scattering

Contribution ID: 57

Type: **not specified**

## Welcome address

*Wednesday, 30 May 2007 09:00 (10 minutes)*

**Presenter:** KIM, Young-Kee (Fermilab)

**Session Classification:** Welcome



Contribution ID: 58

Type: **not specified**

## Duality in Neutrino Reactions

*Saturday, 2 June 2007 12:00 (30 minutes)***Presenter:** LALAKULICH, Olga (Ghent University)**Session Classification:** Session 7: Transition Region from Resonance to DIS**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 59

Type: **not specified**

## **New Results from Jefferson Lab - Data and Fit**

*Saturday, 2 June 2007 10:10 (30 minutes)*

**Presenter:** CHRISTY, Eric (Hampton University)

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: **60**

Type: **not specified**

## Target Mass Corrections

*Saturday, 2 June 2007 09:40 (30 minutes)*

**Presenter:** MELNITCHOUK, Wally (Jefferson Lab)

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 61

Type: **not specified**

## **d/u at Large x: Experimental and Theoretical Challenges**

*Saturday, 2 June 2007 11:00 (30 minutes)*

**Presenter:** PETRATOS, Makis (Kent State University)

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 62

Type: **not specified**

## Resonance Production Model

*Saturday, 2 June 2007 11:30 (30 minutes)*

**Presenter:** LEE, Harry (Argonne National Lab)

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 64

Type: **not specified**

## Session 7 Discussion

*Saturday, 2 June 2007 12:30 (30 minutes)*

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 65

Type: **not specified**

## Session 1 Discussion

*Wednesday, 30 May 2007 10:45 (10 minutes)*

**Session Classification:** Session 1: Motivation: Using Neutrino Interactions to Search for New Physics

**Track Classification:** Using Neutrinos as a Probe of the Strong Interaction

Contribution ID: **66**

Type: **not specified**

## **Session 2 Discussion**

*Wednesday, 30 May 2007 12:50 (10 minutes)*

**Session Classification:** Session 2: Progress: Review of New Results in Neutrino Interactions

**Track Classification:** Progress: Review of New Results in Neutrino Interactions



Contribution ID: 67

Type: **not specified**

## Session 4 Discussion

*Thursday, 31 May 2007 10:40 (10 minutes)*

**Session Classification:** Session 4: Nuclear Effects

**Track Classification:** Nuclear Effects

Contribution ID: 68

Type: **not specified**

## Session 5 Discussion 1

*Thursday, 31 May 2007 12:45 (15 minutes)*

**Session Classification:** Session 5: Quasi-Elastic Scattering: Experimental and Theoretical Status

**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: **69**

Type: **not specified**

## **Session 8 Discussion 2**

*Sunday, 3 June 2007 12:35 (20 minutes)*

**Session Classification:** Session 8: Deep Inelastic Scattering

Contribution ID: 70

Type: **not specified**

## Neutral Pion Production Cross Sections at K2K

*Friday, 1 June 2007 11:55 (25 minutes)***Presenter:** MARIANI, Camillo (INFN - Rome)**Session Classification:** Session 6: Resonant, Non-resonant and Coherent Single Pion Production**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 71

Type: **not specified**

# Overview of Observations and Issues in Modeling the Transition Regime

*Saturday, 2 June 2007 09:00 (40 minutes)*

**Presenter:** PETTI, Roberto (University of South Carolina)

**Session Classification:** Session 7: Transition Region from Resonance to DIS

**Track Classification:** Transition Region from Resonance to DIS

Contribution ID: 72

Type: **not specified**

## Neutrino Interactions in LArTPCs

*Thursday, 31 May 2007 16:30 (20 minutes)*

**Presenter:** CURIONI, Alessandro (Yale University)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Current and Future Experiments

Contribution ID: 73

Type: **not specified**

# Construction of Spectral Functions for Heavier Nuclei

*Thursday, 31 May 2007 16:50 (15 minutes)*

**Presenter:** ANKOWSKI, Artur (University of Wroclaw)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Nuclear Effects

Contribution ID: 74

Type: **not specified**

## Measurement of the EMC effect in Light Nuclei and at Large $x$

*Thursday, 31 May 2007 17:05 (20 minutes)*

**Presenter:** GASKELL, Dave (Jefferson Lab)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Nuclear Effects



Contribution ID: 75

Type: **not specified**

## **Review of Evidence for Short-Range Correlations in Nuclei from Proton, Electron and Neutrino Experiments with an Emphasis on Recent JLab Data**

*Thursday, 31 May 2007 17:25 (20 minutes)*

**Presenter:** WOOD, Steve (Jefferson Lab)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Progress: Review of New Results in Neutrino Interactions

Contribution ID: 76

Type: **not specified**

# Charged-Current Neutrino-Induced Coherent Pion Production

*Thursday, 31 May 2007 18:05 (20 minutes)*

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

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 77

Type: **not specified**

## Weak Pion Production off the Nucleon

*Thursday, 31 May 2007 17:45 (20 minutes)***Presenter:** NIEVES, Juan (University of Granada)**Session Classification:** Session 9: Additional Contributions**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 78

Type: **not specified**

## **the NEUT Program Library Used in the Super-K and K2K experiments**

*Thursday, 31 May 2007 18:40 (20 minutes)*

**Presenter:** MITSUKA, Gaku (ICRR, The University of Tokyo)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Current and Future Experiments

Contribution ID: 79

Type: **not specified**

## On the Description of the Resonance Region in the FKR Model

*Thursday, 31 May 2007 18:25 (15 minutes)*

**Presenter:** GRACZYK, Krzysztof (University of Wroclaw)

**Session Classification:** Session 9: Additional Contributions

**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: **80**

Type: **not specified**

## **On the Description of the Resonance Region in the FKR Model**

**Presenter:** GRACZYK, Krzysztof (University of Wroclaw)

Contribution ID: **81**Type: **not specified**

## Theoretical Predictions of $\nu + n \rightarrow p + \mu^-$ and $\delta^+ + \mu^-$

**Presenter:** LI, Bing An (University of Kentucky)

Contribution ID: 82

Type: **not specified**

## Angular Dependence of pi0 Production in the MiniBooNE Antineutrino Data

*Friday, 1 June 2007 17:30 (1 hour)***Presenter:** NGUYEN, Van (Columbia University)**Session Classification:** Poster Session**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production



Contribution ID: **83**

Type: **not specified**

## **Muon Range Detector for SciBooNE**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** WALDING, Joseph (Imperial College London)

**Session Classification:** Poster Session

**Track Classification:** Current and Future Experiments

Contribution ID: **84**

Type: **not specified**

## To Be Provided

**Presenter:** STEFANSKI, Ray (Fermilab)

Contribution ID: **86**

Type: **not specified**

## Jorge's Test Poster

Submittal test for Indico

**Primary author:** MORFIN, Jorge G. (Fermilab)

**Presenter:** MORFIN, Jorge G. (Fermilab)

Contribution ID: 87

Type: **not specified**

## Flavio's Test Poster

Indico submittal test

**Presenter:** CAVANNA, Flavio (INFN Rome)

Contribution ID: 88

Type: **not specified**

## Probing the Strangeness Content of the Nucleon in Quasi-Elastic Neutrino-Nucleus Scattering

*Friday, 1 June 2007 17:30 (1 hour)***Presenter:** JACHOWICZ, Natalie (Ghent University)**Session Classification:** Poster Session**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status

Contribution ID: 89

Type: **not specified**

# A Formalism for Electroweak Pion Production on Nuclei

*Friday, 1 June 2007 17:30 (1 hour)***Presenter:** PRAET, Christophe (Ghent University)**Session Classification:** Poster Session**Track Classification:** Resonant, Non-Resonant, and Coherent Single Pion Production

Contribution ID: 90

Type: **not specified**

## **An Object-Oriented Approach for Nuclear Modeling**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** STEFANSKI, Ray (Fermilab)

**Session Classification:** Poster Session

**Track Classification:** Nuclear Effects

Contribution ID: 91

Type: **not specified**

## Quasi-Elastic Neutrino Charged-Current Scattering Cross Sections on Oxygen

*Friday, 1 June 2007 17:30 (1 hour)***Presenter:** KULAGIN, Sergei (INR (Moscow))**Session Classification:** Poster Session**Track Classification:** Quasi-Electric Scattering: Experimental and Theoretical Status



Contribution ID: 92

Type: **not specified**

## Dave's Test Poster

**Presenter:** BOEHNLEIN, David (Fermilab)

Contribution ID: 93

Type: **not specified**

## Session 8 Discussion 1

*Sunday, 3 June 2007 10:30 (20 minutes)*

**Session Classification:** Session 8: Deep Inelastic Scattering

Contribution ID: 94

Type: **not specified**

## Concluding Comments

*Sunday, 3 June 2007 12:55 (5 minutes)*

**Presenter:** MORFIN, Jorge G. (Fermilab)

**Session Classification:** Session 8: Deep Inelastic Scattering

Contribution ID: 95

Type: **not specified**

## **The EC (Electron Catcher) of the SciBooNE Experiment**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** GIGANTI, Claudio (INFN - Rome)

**Session Classification:** Poster Session

**Track Classification:** Current and Future Experiments

Contribution ID: 96

Type: **not specified**

## Results from the HARP Experiment

**Presenter:** CONEY, Linda (Fermilab)

**Track Classification:** Current and Future Experiments

Contribution ID: 97

Type: **not specified**

## Dave's Test Poster

Indico submission test

**Presenter:** BOEHNLEIN, David (Fermilab)

**Track Classification:** Current and Future Experiments

Contribution ID: **98**

Type: **not specified**

## Physics Topics in MINERvA

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** BOEHNLEIN, David (Fermilab)

**Session Classification:** Poster Session

**Track Classification:** Current and Future Experiments

Contribution ID: 99

Type: **not specified**

## The SciBooNE Experiment

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenters:** ALCARAZ, Jose-Luis (IFAE (Universidad Autonoma de Barcelona)); CATALA, Juan (IFIC (University of Valencia))

**Session Classification:** Poster Session

**Track Classification:** Current and Future Experiments



Contribution ID: **100**

Type: **not specified**

## **GENIE - A Universal Neutrino Event Generator**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** KIM, Minsuk (University of Pittsburgh)

**Session Classification:** Poster Session

**Track Classification:** Progress: Review of New Results in Neutrino Interactions

Contribution ID: **101**

Type: **not specified**

## **SciBar Detector of SciBooNE**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** KURIMOTO, Yoshinori (Fermilab)

**Session Classification:** Poster Session

**Track Classification:** Current and Future Experiments

Contribution ID: **102**

Type: **not specified**

## Workshop Announcements

*Wednesday, 30 May 2007 09:10 (5 minutes)*

**Presenter:** MORFIN, Jorge G. (Fermilab)

**Session Classification:** Welcome

Contribution ID: **103**

Type: **not specified**

## **Physics motivation of SciBooNE**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** HIRAIDE, Katsuki (Kyoto University)

**Session Classification:** Poster Session

Contribution ID: **104**

Type: **not specified**

## **SciBar Detector for SciBooNE Experiment**

*Friday, 1 June 2007 17:30 (1 hour)*

**Presenter:** TAKEI, Hideyuki (Tokyo Institute of Technology)

**Session Classification:** Poster Session