

Session Program

1-6 Aug 2011



NuFact'11 XIIIth Workshop on Neutrino Factories, Superbeams and Beta-beams

WG2 Neutrino Cross-Sections and Detectors

Monday 1 August

14:00

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** CERN, 40/S2-C01 - Salle Curie | **Conveners:**
Masashi Yokoyama, Dr Michael kordosky, Prof. Juan M. Nieves

14:00-14:30 **MiniBooNE cross section results**

Speaker
William Louis

14:30-15:00 **SciBooNE**

Speaker
camillo mariani

15:00-15:30 **Placeholder**

15:30

Tuesday 2 August

13:30

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** UniGe, Sciences-II (223) | **Conveners:**
Prof. Juan M. Nieves, Dr Michael kordosky, Masashi Yokoyama

13:30-14:00 **M_A from MiniBooNE CCQE double differential cross section data**

Speaker
Juan Nieves

14:00-14:30 **The role of 2p2h in CCQE**

Speaker
Marco Martini

14:30-15:00 **Electron vs Neutrino-Nucleus Scattering**

Speaker
Omar Benhar

15:00-15:30 **Axial and Vector Structure Functions for Lepton-Nucleon Scattering**

Speaker
Un Ki Yang

15:30

Wednesday 3 August

11:00

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** UniGe, Sciences-II (223) | **Conveners:**
Prof. Juan M. Nieves, Dr Michael kordosky, Masashi Yokoyama

11:00-11:27 **CC and NC coherent pi production**

Speaker
Satoshi Nakamura

11:27-11:54 **NuWro: Monte Carlo generator of neutrino interactions**

Speaker
Jan Sobczyk

11:54-12:30 **Monte Carlo generators: NEUT and GENIE**

Speaker
Yoshinari Hayato

12:30

14:00

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** UniGe, Sciences-II (223) | **Conveners:**
Dr Masashi Yokoyama, Prof. Juan M. Nieves, Dr Michael kordosky

14:00-14:25 **Measurement of pi-N interaction: PIANO-Harpsichord**

Speaker
Motoyasu Ikeda

14:25-14:55 **Performance of T2K Near Detectors**

Speaker
Neil McCauley

14:55-15:25 **MINERvA reconstruction & performance**

Speaker
Gabriel Perdue

15:25-16:00 **Placeholder**

16:00

Thursday 4 August

11:00

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** UniGe, Sciences-II (223) | **Conveners:**
Masashi Yokoyama, Prof. Juan M. Nieves, Dr Michael kordosky

11:00–11:30 **Neutrino interaction measurements using T2K Near Detectors**

Speaker

Daniel Brook-Roberge

11:30–12:00 **MINERvA Elastic Scattering**

Speaker

Benjamin Ziemer

12:00–12:30 **MINERvA CC inclusive & nuclear target**

Speaker

Josh Devan

12:30

14:00

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** UniGe, Sciences-II (223) | **Conveners:**
Prof. Juan M. Nieves, Dr Michael kordosky, Masashi Yokoyama

14:00–14:10 **NA61: pion production cross-sections and plans**

Speaker

Magdalena Zofia Posiadala

14:10–14:20 **NA61: Strange particle production**

Speaker

Silvestro Di Luise

14:20–14:30 **NA61: Long target results**

Speaker

Nicolas Abgrall

14:30–14:40 **NA61: discussion**

14:40–15:05 **FLUKA: hadron production simulation**

Speaker

Francesco Cerutti

15:05–15:30 **Predicting neutrino flux for T2K**

Speaker

Vyacheslav Galymov

15:30–16:00 **NuMI (MINERvA) flux prediction**

Speaker

Dr Michael Kordosky

16:00

Friday 5 August

13:40

WG2 Neutrino Cross-Sections and Detectors

Session | **Location:** CERN, 40/S2-C01 - Salle Curie | **Conveners:**
Prof. Juan M. Nieves, Dr Michael kordosky, Masashi Yokoyama

13:40-14:10

Neutrino nucleus reactions at high energies within the GiBUU model

Speaker

Olga Lalakulich

Location

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14:10-14:40

Nuclear corrections in neutrino-nucleus DIS and their compatibility with global NPDF analyses

Speaker

Jorge G. Morfin

Location

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14:40-15:05

Gamma-ray production in NC interactions

Speaker

Artur Ankowski

Location

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15:05-15:35

Argoneut

Speaker

Ornella Palamara

Location

CERN

15:40

Saturday 6 August

09:00

WG2 Neutrino Cross-Sections and Detectors: (No presentation planned in this session)

Session | **Location:** CERN, 40/S2-C01 - Salle Curie | **Conveners:**
Prof. Juan M. Nieves, Dr Michael kordosky, Masashi Yokoyama

10:30

09:00–10:30

Placeholder