NUINT'02 Agenda

(as of November 11, 0900 PST)

Registration
(Thursday 8:00 – 8:30)

Session 1: Motivation
(Thursday 8:30 – 12:00; 3.5 hrs)

W. Parker (Irvine)	Welcome (5 min)
P. Lipari (Rome)	Charge to NUINT'02
K. McFarland (Rochester)	Physics interest in low-energy neutrino interactions
C. Walter (Boston)	Neutrino interaction uncertainties in the K2K and JHF experiments
D. Harris (FNAL)	Systematic errors on Δm^2 measurements from E_ν reconstruction
S. Mine (Irvine)	Neutrino physics and proton decay backgrounds
C. Horowitz (Indiana)	Neutrino interactions in supernovae and measurements in the lab

Session 2: Data from past and present experiments
(Thursday 1:30 – 5:00; 3.5 hrs)

C. Green (Riverside)	Status of MiniBooNE
TBD (K2K)	K2K 1-kton data
TBD (K2K)	K2K fine-grained data
K. Furuno ()	BNL bubble chamber data analysis
E. Hawker (ANL)	ANL/Garagamelle/BEBC data
G. Gratta (Stanford)	Results from Kamland

Reception (Thursday evening)

Session 3: Neutrino-nucleon interactions
(Friday 8:30 – 12:00; 3.5 hrs)

D. Naples (Pittsburgh)	Review of total cross-section measurements
G. Zeller (Columbia)/ K. McFarland (Rochester)	Conventional explanations for the NuTeV anomaly
J. Arrington()/H. Budd()	Overview of neutron and proton form factors
A. Bodek (Rochester)	Modeling electron, neutrino and photoproduction cross sections
S. Kumano(Saga)	Nuclear parton distribution functions
Sabine Jeschonnek()	Modeling quark-hadron duality
O. Sato (Nagoya)	Charm production, fragmentation and decay in neutrino interactions

Session 4: Neutrino-nucleus interactions
(Friday 1:30 – 5:00, 3.5 hrs)

R. Ent (JLAB)	Overview of nuclear effects in electron scattering
D. Dutta (Duke)	Color transparency
M. Strikman (Penn State)	The EMC effect and issues for the axial vector current
W. Brooks (JLAB)	Hadron and multi-particle production measurements from JLAB Hall B
O. Benhar (Rome)	Nuclear response functions for Fermi gas calculations
U. Khose (METU-Ankara)	Multiplicity measurement of nuclear fragments in neutrino interactions with CHORUS
J. Sobczyk (Wroclaw)	Modeling nuclear effects in neutrino-nucleus interactions
S. Kulagin ()	Neutrino-nuclear effects at low-x and quark flavor effects

Session 5: Final-state interactions
(Saturday 8:30 – 12:00; 3.5 hrs)

S. Wood (JLAB)	Similarities and differences between electron and neutrino scattering
D. Gaskell ()	Hadron attenuation and results from HERMES
S.K. Singh (Algargh)	Delta production calculations with nuclear effects
M. Sakuda (KEK)	Nuclear effects in quasi-elastic and delta production
I. Schienbein (DESY)	Pion absorption and rescattering
E.A. Paschos (Dortmund)	Coherent scattering
P. Roos/J. Kelley (Maryland)	DWIA hadron modeling in medium

Session 6: Monte Carlo generators and software
(Saturday 1:30 – 5:00; 3.5 hrs)

G. Zeller (Columbia)	Comparisons of real and simulated data
D. Casper (Irvine)	Comparisons of simulated data samples
H. Gallagher (Tufts)	Nuclear response functions in simulation of quasi-elastic scattering
H. Nakamura (Waseda)	Comparison of Fermi gas calculations
P. Sala (ETH-Zurich)	The FLUKA nuclear cascade model
S. Mohanty (Lund)	Treatment of low-mass hadronic states in LUND

Conference Dinner (Saturday evening)

Session 7: Future directions
(Sunday 8:30-11:00; 2.5 hrs)

TBD (K2K)	K2K near detector upgrade
K. McFarland? (Rochester)	"Rochester proposal" (need a real title)
J. Morfin? (FNAL)	A fine-grained detector for cross-section measurements at NUMI
R. Tayloe (Indiana)	"MiniBooNE proposal" (need a real title)
K. McDonald? (Princeton)	Liquid argon TPC at Fermilab
G. Miller (Washington)	Future directions in theory

Session 8: Discussion and Summary
(Sunday 11:15-?)

Have we decided on anyone for the summary talk and a possible panel discussion?