FRONTIERS AND CAREERS IN NUCLEAR AND PARTICLE PHYSICS
UNIVERSITY OF NEW HAMPSHIRE, DURHAM, NEW HAMPSHIRE
AUGUST 4TH – 6TH, 2016

AGENDA OF TALKS

THURSDAY EVENING SESSION (4:30 PM - 6:00 PM)

Welcome talk – Arun Tadepalli
Afroditi Papadopoulou – Correlated Fermi Gas Model (CFG)
Bishoy Dongwi – “Search for new Physics with experiment E-36 at J-PARC”
Kunal Chaudhary – TBD

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DINNER AT THE CAFETERIA (6:00 PM - 7:00 PM)
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Dr. Paul Reimer – “How to write a good grant/proposal” (7:00 – 7:30 PM)

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BREAKFAST IN THE CLASSROOM (8:00 AM- 9:00 AM)

FRIDAY MORNING SESSION (9:00 AM - 10:30 AM)

Ethan Cline – “update on the MUSE proton radius measurement”

Axel Schmidt – “The Olympus experiment”

Efrain Segarra – “The OLIVIA experiment – A “Trapless” beta decay study”

Peter Pauli – “Measurement of the Photon Flux Using a Pair Spectrometer at the Crystal Ball Experiment at MAMI “

Spieker Karsten – “Measurement of the double polarization observable G in pion photoproduction”

COFFEE BREAK (10:30 – 11:00 AM)

Prof. Karl Slifer – “Career and perspectives in Nuclear Physics” (11:00 – 12:00 AM)

LUNCH AT THE CAFETERIA (12:00 AM- 1:30 PM)

SPECIAL TOURS & GROUP PHOTO (1:30 - 3:30 PM)

Tour 1: Space Science center

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Tour 2: Polarized Target Lab

&

Group Photo
FRIDAY AFTERNOON SESSION (3:30 - 5:00 PM)

Juan Guerrero – “What’s strange about Kaon production at electron proton collisions”

Elena Long – “Tensor Spin Observables”

Fridah Mokaya – “Spin density matrix elements for radiative decays of the omega meson in Photoproduction at 5 GeV”

Ryan Zielinski – “the proton spin-dependent structure function, g2, at low Q2”

Shujie Li – “Short range correlation in quasi-elastic electron scattering”

COFFEE BREAK (5:00 – 5:30 PM)

FRIDAY EVENING SESSION (5:30 - 7:00 PM)

James McIntyre – “Development of high resolution hodoscopes for the GlueX experiment”

Brendan Pratt – “Diamond radiators for the GlueX experiment”

Kamel Mahmoud – Radiative decay of photo-produced eta primes in the GlueX experiment”

Colin Gleason – “Determination of the Hyperon induced polarization and the polarization transfer coefficient from quasi-free hyperon production”

Kurtis Bartlett – “Qweak: first measurement of Parity violating Aluminum asymmetry”

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DINNER (8:00 PM)
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Libby’s Bar and Grill
47 Main St
Durham, NH 03824
PHONE: (603) 868 5542

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BREAKFAST IN THE CLASSROOM (8:00 AM - 9:00 AM)

SATURDAY MORNING SESSION (8:30 AM - 10:30 AM)

Career planning session (8:30 – 9:30 AM)
What do I do now?
FORMAT: Q & A

Preparing and submitting an application (9:30 – 10:30 AM)
To do or not to do, that is the question
FORMAT: Q & A

COFFEE BREAK (10:30 – 11:00 AM)

Career outside of Physics:
Who Me? A physicist in the private sector (11:00 – 11:30 AM)

Acing the interview (11:30 – 12:30 PM)
How to stop worrying about the interview and start living
FORMAT: Q & A

Career Panel members:
Prof. Ron Gilman (Rutgers University)
Prof. Susan Gardner (University of Kentucky)
Prof. Karl Slifer (University of New Hampshire)
Dr. Paul Reimer (Argonne National Laboratory)
Dr. Brian Tice (Bloomberg L.P.)

LUNCH AT THE CAFETERIA (12:30 AM - 1:30 PM)

Workshop Summary and conclusion talk: Marie Boer (1:30 – 2:00 PM)

END OF DAY 3