



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Thursday, December 06, 2018

# Physics 403 Fall 2018

## 3<sup>rd</sup> Oral Session Agenda

### Session 1. Nora Sherman

1 : 0 0 p m – 1 : 1 6 p m	O3_1-1	Joy Bryant, “Measuring the g-Factor of Cosmic Ray Muons”
1 : 1 6 p m – 1 : 3 2 p m	O3_1-2	James “Alpha range”
1 : 3 2 p m – 1 : 4 8 p m	O3_1-3	Eric Hudec, “Angular Correlation of Gamma-Gamma Pairs in $\beta$ Decay”
1 : 4 8 p m – 2 : 0 4 p m	O3_1-4	Haonan Wu, “Ferroelectric Transitions of KDP50-DKDP50 Crystal”
2 : 0 4 p m – 2 : 2 0 p m	O3_1-5	Saad Altaf, “Determining Number of Decay Lifetimes of Fluorescing Rubies”
2 : 2 0 p m – 2 : 3 6 p m	O3_1-6	Michael Ding “Quantum Erasure of Which-path Information in a Michelson Interferometer”
2 : 3 6 p m – 2 : 5 2 p m	O3_1-7	Yufeng Du “Pulsed NMR and its application in studying porous materials.”

2:52 pm – 3:14 pm

Coffee Break

### Session 2. Joseph Foy

3 : 1 4 p m – 3 : 3 0 p m	O3_1-8	Henzel Kim “Observation of cosmic muons in different angles”
3 : 3 0 p m – 3 : 4 6 p m	O3_1-9	Aike Liu “Using Mössbauer Spectroscopy to Investigate Fe Energy Spectrum in Different Environments”
3 : 4 6 p m – 4 : 0 2 p m	O3_1-10	Nora F. Sherman, "Gamma-Gamma Angular Correlation of Sodium-22 and Cobalt-60."
4 : 0 2 p m – 4 : 1 8 p m	O3_1-11	Nick Gogola “Superconductivity Characteristics of Thin Film Aluminum Circuits”
4 : 1 8 p m – 4 : 3 4 p m	O3_1-12	Ningdong Wang, “Measurement of Gamma-Rays Angular Correlation of $^{22}\text{Na}$ and $^{60}\text{Co}$ ”
4 : 3 4 p m – 4 : 5 0 p m	O3_1-13	Derek Ping “Al-Al <sub>2</sub> O <sub>3</sub> -In Thin Film Tunneling”