



ILLINOIS

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Tuesday, December 11, 2018

Physics 403 Fall 2018

3rd Oral Session Agenda

Session 3. Andi

1 : 0 0 p m – 1 : 1 6 p m	O3_2-14	John “Effects of Optical Pumping on the Hyperfine Structure of ⁸⁵ Rb and ⁸⁷ Rb”
1 : 1 6 p m – 1 : 3 2 p m	O3_2-15	Ryan “Measuring the Second Sound Speed in Superfluid ⁴ He”
1 : 3 2 p m – 1 : 4 8 p m	O3_2-16	Patrick Kwon “Critical Temperature vs. Thickness for Superconducting Al Thin Films”
1 : 4 8 p m – 2 : 0 4 p m	O3_2-17	Daniel R. MacLean “An Investigation of the Phenomenon of Quantum Erasure Within a Michelson Interferometer”
2 : 0 4 p m – 2 : 2 0 p m	O3_2-18	Leonardo Rodriguez “Estimating the range displacement of alpha particles in various media”
2 : 2 0 p m – 2 : 3 6 p m	O3_2-19	Dennis Rich “Ethanol Concentration Determination By Nuclear Magnetic Resonance”
2 : 3 6 p m – 2 : 5 2 p m	O3_2-20	Zach “Alpha Range”

2:52 pm – 3:14 pm

Coffee Break

Session 4. Nora

3 : 1 4 p m – 3 : 3 0 p m	O3_2-21	Joseph Foy “Observing the Presence of Metastable Lifetimes, Measurements of Modulation & Phase, and Temperature Dependence of Fluorescent Lifetimes”
3 : 3 0 p m – 3 : 4 6 p m	O3_2-22	Hyeon-Seo Yun “Tunneling”
3 : 4 6 p m – 4 : 0 2 p m	O3_2-23	Thomas Riboli “Search for multiple fluorescence lifetimes in ruby samples”
4 : 0 2 p m – 4 : 1 8 p m	O3_2-24	Andi “Fluorescence”
4 : 1 8 p m – 4 : 3 4 p m	O3_2-25	Agrim Bansal “Angular Correlation of Coincident γ -Rays from ²² Na and ⁶⁰ C Nuclei”
4 : 3 4 p m – 4 : 5 0 p m	O3_2-26	Issam Khayr “The effects of PT doping on PZN samples”

