

## NS3 Summer School Schedule - 2017

	Sunday 5/14	Monday 5/15	Tuesday 5/16	Wednesday 5/17	Thursday 5/18	Friday 5/19	Saturday 5/20
		breakfast - Snyder-Philips Hall	breakfast - Snyder-Philips Hall	breakfast - Snyder-Philips Hall	breakfast - Snyder-Philips Hall	breakfast - Snyder-Philips Hall	breakfast - Snyder-Philips Hall
9:00 -- 9:30	travel	Welcome - Logistics <i>Artemis Spyrou</i>	Student presentation and discussion	Student presentation and discussion	Student presentation and discussion	Student presentation and discussion	Student presentation and discussion
9:30--11:00		Intro, elements of quantum mechanics <i>Kevin Fosse</i>	Nuclear Forces <i>Hiro Iwasaki</i>	$\alpha, \beta, \gamma$ decay <i>Sean Liddick</i>	Nuclear Reactions <i>Filomena Nunes</i>	Nuclear Astrophysics Modeling <i>Sean Couch</i>	Open questions in nuclear experiment <i>Brad Sherrill</i>
11:00--12:30		Properties of nuclei <i>Mallory Smith</i>	Radioactive Decay <i>Stephanie Lyons</i>	Nuclear Models <i>Gregory Potel</i>	Applications of Nuclear Physics <i>Dave Morrissey</i>	Nuclear Astrophysics Experiment <i>Chris Wrede</i>	Open questions in nuclear theory <i>Heiko Hergert</i>
12:30--13:30		lunch - NSCL atrium	lunch - NSCL atrium	lunch - NSCL atrium	lunch - NSCL atrium	lunch - NSCL atrium	lunch - NSCL atrium
13:30 -- 14:30		Tour <i>Zach Constan</i>	Radiation detection - $\gamma$ -rays <i>Peter Bender</i>	Radiation detection - charged particles <i>George Perdikakis</i>	Radiation detection- neutrons <i>Artemis Spyrou</i>	Intro to theory lab <i>Justin Lietz</i>	travel
14:30 -- 17:30		Statistics lab 1221B <i>Matt Amthor</i>	$\gamma$ ray lab BPS1263 <i>Becky Lewis</i>	charged particle lab S2 vault <i>George Perdikakis</i>	neutron lab with MoNA S2 vault <i>Artemis Spyrou</i>	Theory lab 1221B <i>Justin Lietz</i>	
18:00		dinner Snyder-Philips Hall	dinner Snyder-Philips Hall	dinner Snyder-Philips Hall	School Dinner Broad Museum	dinner Snyder-Philips Hall	dinner Snyder-Philips Hall

Student presentations: Each morning a group of 3 students will present their results from the lab they performed the previous day  
 All lectures should be 60 minutes long with 10 minutes for reflection, 10 minutes Q&A and 10 minute break