

NNPSS 2018 Agenda

Week 1:	Monday June 18
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-9:30	Welcome to NNPSS - Bass 305 Helen Caines, Paul Tipton, and Karsten Heeger
9:30-10:30	Nuclear Structure Theory I - Bass 305 Mark Caprio, Univ. of Notre Dame <i>Chair: Yoram Alhassid, Yale University</i>
10:30-11:00	Break - Bass 405
11:00-12:00	Nuclear Structure Theory II - Bass 305 Mark Caprio, Univ. of Notre Dame <i>Chair: Yoram Alhassid, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Heavy Ion Theory I - Bass 305 Bjoern Schenke, Brookhaven National Laboratory <i>Chair: John Harris, Yale University</i>
3:00-4:00	Heavy Ion Theory II - Bass 305 Bjoern Schenke, Brookhaven National Laboratory <i>Chair: John Harris, Yale University</i>
4:00-4:30	Break - Bass 405
4:30-5:30	Nuclear science and national security - Bass 305 Anna Hayes, Los Alamos National Laboratory <i>Chair: Karsten Heeger, Yale University</i>
5:30-7:00	Opening Reception - Wright Lab Atrium and WL-216

	Tuesday June 19
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Nuclear Structure Theory III - Bass 305 Mark Caprio, Univ. of Notre Dame <i>Chair: Yoram Alhassid, Yale University</i>
10:00-11:00	Heavy Ion Theory III - Bass 305 Bjoern Schenke, Brookhaven National Lab <i>Chair: Eliane Epple, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Nuclear Astrophysics Experimental I - Bass 305 Chris Wrede, Michigan State University <i>Chair: Peter Parker, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Nuclear Astrophysics Experimental II - Bass 305 Chris Wrede, Michigan State University <i>Chair: Peter Parker, Yale University</i>
3:00-4:30	Coffee with speakers Bjoern Schenke - WLC 245 Chris Wrede - WL-216
4:30-6:00	Tour of Wright Lab - WL 216 start Karsten Heeger, Wright Lab Director, <i>et al.</i>

NNPSS 2018 Agenda

Wednesday June 20	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Nuclear Astrophysics Experimental III - Bass 305 Chris Wrede, Michigan State University <i>Chair: Peter Parker, Yale University</i>
10:00-11:00	Neutrons & Fundamental Symmetries Experimental I - Bass 305 Chen-Yu Liu, Indiana Univ. <i>Chair: Steve Lamoreaux, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Neutrons & Fundamental Symmetries Experimental II - Bass 305 Chen-Yu Liu, Indiana Univ. <i>Chair: Steve Lamoreaux, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Neutrons & Fundamental Symmetries Experimental III - Bass 305 Chen-Yu Liu, Indiana Univ. <i>Chair: Steve Lamoreaux, Yale University</i>
3:00-4:00	Nuclear data - Bass 305 Elizabeth McCutchan, Brookhaven National Lab <i>Chair: Rick Casten, Yale / MSU-FRIB</i>
4:00-5:30	Coffee with speakers Mark Caprio - WLC-245 Chen-Yu Liu, - WL-216 Elizabeth McCutchan - WLW lunch room
5:30-6:30	Pitch your research round 1 - WL-216

Thursday June 21	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Neutrons & Fundamental Symmetries Theory - Bass 305 Susan Gardner, Univ. of Kentucky <i>Chair: Yoram Alhassid, Yale University</i>
10:00-11:00	Neutrons & Fundamental Symmetries Theory II - Bass 305 Susan Gardner, Univ. of Kentucky <i>Chair: Yoram Alhassid, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Nuclear Structure Experimental I - Bass 305 Alexandra Gade, Michigan State University <i>Chair: Rick Casten, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Nuclear Structure Experimental II - Bass 305 Alexandra Gade, Michigan State University <i>Chair: Rick Casten, Yale University</i>
3:00-4:30	Coffee with speakers Susan Gardner - WLC-245 Alexandra Gade - WL-216
4:30-5:30	Pitch your research round 2 - WL-216

NNPSS 2018 Agenda

Friday June 22	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Heavy Ion Experimental I - Bass 305 Megan Connors, Georgia State Univ. <i>Chair: Helen Caines, Yale University</i>
10:00-11:00	Heavy Ion Experimental II - Bass 305 Megan Connors, Georgia State Univ. <i>Chair: Helen Caines, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Neutrinos Experimental I - Bass 305 Diana Parno, Carnegie Mellon University <i>Chair: Reina Maruyama, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Neutrinos Experimental II - Bass 305 Diana Parno, Carnegie Mellon University <i>Chair: Reina Maruyama, Yale University</i>
3:00-4:00	Frontiers of instrumentation in nuclear science - Bass 305 Paul O'Connor, Brookhaven National Laboratory <i>Chair: Karsten Heeger, Yale University</i>
4:00-5:00	Coffee with speakers Megan Connors - WL-216 Diana Parno - WLC-245 Paul O'Connor - WLW lunch room
5:30-7:30	Poster session and dinner - Greenberg Conference Center

Monday June 25	
Week 2:	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	EIC Experimental and Theory I - Bass 305 Thomas Ullrich, Yale University <i>Chair: John Harris, Yale University</i>
10:00-11:00	Neutrinos Experimental III - Bass 305 Diana Parno, Carnegie Mellon University <i>Chair: David Moore, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Neutrino Theory I - Bass 305 Michael Ramsey-Musolf, UMass Amherst <i>Chair: David Moore, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Neutrino Theory II - Bass 305 Michael Ramsey-Musolf, UMass Amherst <i>Chair: David Moore, Yale University</i>
3:00-4:30	Coffee with speakers Michael Ramsey-Musolf - WLC-245 Thomas Ullrich - WL-216
4:30-6:00	Introduction to HPC at YCRC Andy Sherman and Kaylea Nelson, Yale University
6:00-8:00	Dinner and session on diversity & inclusion Wright Lab Atrium and WL-216

NNPSS 2018 Agenda

Tuesday June 26	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Neutrino Theory III - Bass 305 Michael Ramsey-Musolf, UMass Amherst <i>Chair: David Moore, Yale University</i>
10:00-11:00	EIC Experimental and Theory II - Bass 305 Thomas Ullrich, Yale University <i>Chair: Kirill Lapidus, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Hadron Structure Experimental I Anselm Vossen, Duke <i>Chair: Helen Caines, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Hadron Structure Experimental II Anselm Vossen, Duke <i>Chair: Helen Caines, Yale University</i>
3:00-4:00	Art and nuclear science seminar - Bass 305 Agnes Mocsy, Pratt Institute <i>Chair: John Harris, Yale University</i>
4:00-5:30	Coffee with speakers Agnes Mocsy - WLC-245 Anselm Vossen - WL-216

Wednesday June 27	
7:15-8:15	Breakfast - Benjamin Franklin College
8:30a-8:00p	<p>Trip to Brookhaven National Laboratory</p>

NNPSS 2018 Agenda

Thursday June 28	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Hadron Structure Theory I - Bass 305 Alexei Prokudin, JLab <i>Chair: Helen Caines, Yale University</i>
10:00-11:00	Hadron Structure Theory II - Bass 305 Alexei Prokudin, JLab <i>Chair: Helen Caines, Yale University</i>
11:00-11:30	Break - Bass 405
11:30-12:30	Nuclear Astrophysics Theory I - Bass 305 Gail McLaughlin, North Carolina State University <i>Chair: Peter Parker, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Nuclear Astrophysics Theory II - Bass 305 Gail McLaughlin, North Carolina State University <i>Chair: Laura Newburgh, Yale University</i>
3:00-4:30	Coffee with speakers Alexei Prokudin - WLC-216 Gail McLaughlin - WLC-245
4:30-6:00	Computing for Nuclear Physics Tutorials Using HPC to simulate experiments (Slocum) - YCRC Theoretical computing (Prokudin) - WL-216

Friday June 29	
8:10-8:45	Breakfast - Benjamin Franklin College
9:00-10:00	Nuclear Astrophysics Theory III - Bass 305 Gail McLaughlin, North Carolina State University <i>Chair: David Moore, Yale University</i>
10:00-11:00	Hadron Structure Theory III - Bass 305 Alexei Prokudin, JLab <i>Chair: Thomas Ullrich, Yale University</i>
11:00-11:30	Break - Bass 2nd floor landing
11:30-12:30	X-ray and Gamma-ray Imaging in Medicine - Bass 305 Chi Liu, Yale University <i>Chair: Thomas Langford, Yale University</i>
12:50-1:55	Lunch - Benjamin Franklin College
2:00-3:00	Sterile Neutrinos - Have we discovered a new particle? - Bass 305 Michelle Dolinski, Drexel University <i>Chair: David Moore, Yale University</i>
3:00-4:00	Coffee with speakers Michelle Dolinski - WL-216
4:00-5:00	Pitch your research finals

NNPSS 2018 website: wlab.yale.edu/nnpss2018