

**Seventh Exotic Beam Summer School  
Argonne National Laboratory  
Building 203 Auditorium  
August 4-9, 2008**

***Sunday, August 3***

3:00-9:00 Room Registration and Key Pick-Up (*Guest House, Building 460*)  
School Registration and Reception (*Lodging Area, Building 617*)

***Monday, August 4***

8:30-8:45	Welcome	Albert Sattelberger, Robert Janssens	ANL
8:45-9:45	Exotic Beam Concepts	Thomas Glasmacher	MSU
10:00-11:00	Experiments on Exotic Nuclei (1)	Alexandra Gade	MSU
11:15-12:00	ES&H in a Nuclear Laboratory	Thomas Mullen	ANL
12:10	Bursary		
12:30-1:30	<b>Lunch</b>		
1:30-4:00	Hands On Nuclear Physics Experiments		
	<b>Dinner</b>		
7:00-7:45	Discussion Groups (1)		
8:00-8:45	Ask a Lecturer		

***Tuesday, August 5***

8:45-9:45	Physics of Exotic Nuclei (1)	David Dean	ORNL
10:00-11:00	Experiments on Exotic Nuclei (2)	Alexandra Gade	MSU
11:15-12:15	Astrophysics (1)	Jeff Blackmon	LSU
12:15-12:30	Summer School Photograph		
12:30-1:30	<b>Lunch</b>		
1:30-4:00	Hands On Nuclear Physics Experiments		
	<b>Dinner</b>		
6:30-7:30	Discussion Groups (2)		
7:45-8:45	Ask a Lecturer		

***Wednesday, August 6***

8:45-9:45	Physics of Exotic Nuclei (2)	David Dean	ORNL
10:00-11:00	Experiments on Exotic Nuclei (3)	Alexandra Gade	MSU
11:15-12:15	Astrophysics (2)	Jeff Blackmon	LSU
12:30-1:30	<b>Lunch</b>		
1:30-4:00	Hands On Nuclear Physics Experiments		
6:00-8:00	Pizza and Poster Party		

### ***Thursday, August 7***

8:45-9:45	Fundamental Interactions (1)	Paul Vetter	LBL
10:00-11:00	Direct Nuclear Reactions (1)	Sean Freeman	U. Manchester
11:15-12:15	Physics of Exotic Nuclei (3)	David Dean	ORNL
12:30-1:30	<b>Lunch</b>		
1:30-2:30	Gamma Ray Tracking and Imaging	Kai Vetter	LBL/UC Berkeley
2:45-3:45	Making Radioactive Beams	Jerry Nolen	ANL
4:00	Bus Trip to Downtown Chicago		
	Millennium Park, Dinner, Art Institute of Chicago		
10:30	Bus Back from Chicago		

### ***Friday, August 8***

8:45-9:45	Accelerator Mass Spectrometry	Alfredo Galindo-Uribarri	ORNL
10:00-11:00	Fundamental Interactions (2)	Paul Vetter	LLNL
11:15-12:15	Direct Nuclear Reactions (2)	Sean Freeman	U. Manchester
12:30-1:30	<b>Lunch</b>		
1:30-4:00	Hands On Nuclear Physics Experiments		
<b>Dinner</b>			
6:30-7:30	Discussion Groups (3)		
7:45-8:45	Ask a Lecturer		

### ***Saturday, August 9***

8:45-9:45	Lasers in Nuclear Physics	Peter Mueller	ANL
10:00-11:00	Direct Nuclear Reactions (3)	Sean Freeman	U. Manchester
11:15-12:15	Surrogate Reactions	Jutta Escher	LBL
12:30-1:30	<b>Lunch</b>		
1:30-4:00	Hands On Nuclear Physics Experiments		
<b>Dinner</b>			
6:30-7:30	Discussion Groups (4)		
7:45-8:45	Ask a Lecturer, Prize Winning Poster Talks, and Graduation		

### **END OF SCHOOL**

### ***Sunday, August 10***

Departures