

**Neutron star merger summer school
Facility for Rare Isotope Beams (FRIB)
May 16-18, 2018**

AGENDA

Start	Duration	Agenda Item	Discussion Leader
Wednesday, May 16, 2018			
8:30 AM	0:20	01 Registratiom	
8:50 AM	0:10	02 Welcome	C. Horowitz
9:00 AM	1:00	03 Intro to gravitational waves, LIGO	K. Chatziioannou
10:00 AM	0:30	04 Interactive discussions	
10:30 AM	0:30	<i>Coffee break</i>	
11:00 AM	1:00	05 Neutron star merger simulations	D. Radice
12:00 PM	1:30	<i>Lunch</i>	
1:30 PM	0:30	06 Interactive discussions	
2:00 PM	0:30	07 FRIB Tour 1 and <i>Coffee Break</i>	
2:30 PM	0:30	07 FRIB Tour 2 and <i>Coffee Break</i>	
3:00 PM	0:45	07 FRIB Tour 3 and <i>Coffee Break</i>	
3:45 PM	0:15	08 Group picture	
4:00 PM	1:00	09 Weak interactions in astrophysics	L. Roberts
5:00 PM	0:30	10 Interactive discussions	
5:30 PM		Adjourn	
Thursday, May 17, 2018			
9:00 AM	1:00	01 r-process nucleosynthesis	L. Roberts
10:00 AM	0:30	02 Interactive discussions	
10:30 AM	0:30	<i>Coffee break</i>	
11:00 AM	1:00	03 Kilonova	B. Metzger
12:00 PM	1:30	<i>Lunch</i>	
1:30 PM	0:30	04 Interactive discussions	
2:00 PM	1:00	05 Nuclear experiment for the r-process	H. Schatz
3:00 PM	0:30	06 Interactive discussions	
3:30 PM	0:30	<i>Coffee break</i>	
4:00 PM	1:00	07 Colloquium: a neutron start merger	B. Metzger
5:00 PM	0:30	08 Interactive discussions	
5:30 PM		Adjourn	
7:00 PM	1:30	09 Group Dinner - Sultan's Place 4790 S. Hagadorn Rd, East Lansing	



Friday, May 18, 2018

9:00 AM	1:00	01	Dense matter and the equation of state	C. Horowitz
10:00 AM	0:30	02	Interactive discussions	
10:30 AM	0:30		<i>Coffee break</i>	
11:00 AM	1:00	03	Deformability of neutron stars	K. Chatziioannou
12:00 PM	1:30		<i>Lunch</i>	
1:30 PM	0:30	04	Interactive discussions	
2:00 PM	1:00	05	To Be Announced	
3:00 PM	0:30	06	Interactive discussions	
3:30 PM	0:30		<i>Coffee break</i>	
4:00 PM	1:30	07	Panel discussion: what happens next?	
5:30 PM			Adjourn	

