FRIB and the GW170817 Kilonova
Facility for Rare Isotope Beams (FRIB), 1221B Conference Room
16-20 July 2018
AGENDA

Monday, 16 July 2018

09:00 am	*Registration and coffee*
10:00 am	Welcome and logistics
10:20 am	D. Radice, Neutron star merger simulations
11:00 am	J. Lippuner, r-Process nucleosynthesis in neutron star mergers and GW170817
11:40 am	*Lunch*
01:00 pm	Open work/discussion
03:00 pm	*Break*
03:30 pm	A. Perego, The multi-component and anisotropic nature of kilonovae
04:10 pm	R. Hix, The TEAMS SciDAC collaboration
04:50 pm	*Adjourn*

Tuesday, 17 July 2018

09:00 am	T. Hansen, The rapid neutron-capture process – clues from metal-poor stars
09:40 am	R. Ezzeddine, Effects of modeling methods on abundance determination uncertainties in r-process stars (LTE vs non-LTE)
10:20 am	*Break*
10:40 am	T. Beers, The R-Process Alliance – Progress and Preview
11:20 am	I. Roederer, Kinematics of highly r-process-enhanced stars
12:00 am	*Lunch*
01:00 pm	Open work/discussion
03:00 pm	*Break*
03:30 pm	Group discussion, leader A. Frebel
04:30 pm	*Adjourn*

Wednesday, 18 July 2018

09:00 am	E. O'Connor, Neutrino Microphysics in Mergers
09:40 am	B. Balantekin, Neutrino Oscillations
10:20 am	*Break*
10:40 am	G. Mathews, Constraints on the nuclear EOS and nucleosynthesis from the GW170817 kilonova
11:20 am	S. Han, Lower bound on the tidal deformability of neutron stars
12:00 am	*Lunch*
01:00 pm	Open work/discussion
03:00 pm	*Break*
03:30 pm	Open work/discussion
06:00 pm	*Group social dinner*

Thursday, 19 July 2018

09:00 am	N. Vassh, Lanthanide production in r-process nucleosynthesis
09:40 am	N. Schunck, Theories of nuclear fission
10:20 am	*Break*
10:40 am	S. Giuliani, The role of fission in r-process nucleosynthesis
11:20 am	W. Nazarewicz, Bayesian approach to model-based extrapolation of nuclear observables
12:00 am	*Lunch*
01:00 pm	Open work/discussion
03:00 pm	*Break*
03:30 pm	Group discussion
04:30 pm	*Adjourn*

Friday, 20 July 2018

09:00 am	R. Grzywacz, Beta-delayed neutron emission: one or two?
09:40 am	S. Liddick, Input nuclear data for r-process abundance calculations from beta decay
10:20 am	*Break*
10:40 am	J. Lawler, Abundances of r-process elements in stars
11:20 am	
12:00 am	*Lunch*
01:00 pm	Open work/discussion
03:00 pm	*Break*
03:30 pm	Open work/discussion
04:30 pm	*Adjourn*