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  A. Perego, The multi-component and anisotropic nature of kilonovae
11:40 am  Lunch
01:00 pm  Open work/discussion
03:00 pm  Break
03:30 pm  R. Hix, The TEAMS SciDAC collaboration
04:30 pm  Adjourn

Tuesday, 17 July 2018

09:30 am  T. Beers, The R-Process Alliance – Progress and Preview
10:10 am  Break
10:30 am  R. Ezzeddine, Effects of modeling methods on abundance determination
          uncertainties in r-process stars (LTE vs non-LTE)
11:10 am  S. Liddick, Input nuclear data for r-process abundance calculations from β decay
12:00 am  Lunch
01:00 pm  Open work/discussion
03:00 pm  Break
03:30 pm  I. Roederer, Kinematics of highly r-process-enhanced stars
          Group discussion, leader A. Frebel
04:30 pm  Adjourn

Wednesday, 18 July 2018

09:30 am  E. O’Connor, Neutrino Microphysics in Mergers
10:10 am  Break
10:40 am  B. Balantekin, Neutrino Oscillations
11:20 am  J. Lippuner, r-Process nucleosynthesis in neutron star mergers and GW170817
12:00 am  Lunch
01:30 pm  FRIB tour (closed-toed shoes and covered legs required)
03:00 pm  Break
03:30 pm  G. Mathews, Constraints on the nuclear EOS and nucleosynthesis from the
          GW170817 kilonova
04:10 pm  S. Han, Lower bound on the tidal deformability of neutron stars
06:00 pm  Group social dinner, Sultan’s Mediterranean
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/writing
04:30 pm   Adjourn

Friday, 20 July 2018

09:00 am   R. Grzywacz, Beta-delayed neutron emission: one or two?
09:40 am   J. Lawler, Abundances of r-process elements in stars
10:20 am   Break
10:40 am   TBD
12:00 am   Lunch
01:00 pm   Work on contributions to the deliverable
03:00 pm   Break
03:30 pm   Open work/discussion
04:30 pm   Adjourn