

# High Rigidity Spectrometer Workshop

August 2, 2017, 7-10 pm at Argonne National Laboratory

On August 2, 2017, on the evening before the [2017 Low Energy Community Meeting at Argonne National Laboratory](#), a High Rigidity Spectrometer (HRS) workshop will be held. We would like to invite all members of the Low-Energy Community to join and participate in discussions about the scientific opportunities with, and planning of the HRS at FRIB.

The workshop will start at 7 pm and last until 10 pm. The goals of the workshop are:

- To inform and discuss with the community about the ion-optical layout work that has been performed over the past 2 years and have resulted in a “preferred” layout of the HRS at FRIB that meets the requirements to perform the scientific program envisioned in the 2014 HRS whitepaper.
- To discuss tracking schemes and tracking detector system required for the carrying out the scientific program with the HRS
- To present tools that can be used by users to perform simulations of rare-isotope beam transport through the HRS

The agenda for the workshop is:

19:00-19:30 (20+10): Overview of the HRS – Remco Zegers

19:30-20:00 (20+10): Ion optic of the spectrometer section of the HRS – Georg Berg

20:00-20:45 (30+15): The high-transmission beamline and tracking simulations for the HRS

20:45-21:15 (20+10): Report from the new HRS detector sub-working group – Andy Rogers

21:15-21:45 (20+10): Development of tracking detectors for fast beams – Marco Cortesi

Further information about the HRS can be found at: <http://hrs.lbl.gov/> . The whitepaper can be downloaded at: <http://hrs.lbl.gov/documents/HRS-WhitePaper.pdf?attredirects=0&d=1>