

NSTX-U/Theory Partnership Recommendations

1. Continue partnership regardless of continuation of the incremental funding used to seed it
 - Need to prioritize Theory work, focus on high leverage items with respect to NSTX-U priorities and Theory strengths, increase NSTX-U work through Base Theory budget, assess experiment/analysis activities
2. Include details of theory and modeling requirements for an experiment when proposals are made
 - Already a part of the XPs (need to be more detailed?); more theory input into expt'l planning (theory participation in TSG meetings, Res. Forum, etc)
3. NSTX-U scientists strengthen their familiarity with the goals and priorities of the theory division in order to increase their effectiveness at communicating the import of NSTX-U experiments to the problems being addressed by PPPL theorists.
 - Enhance communication with the Theory group: TSGs, focused meetings?
4. Produce a set of target milestones for theory work in the next three fiscal years, especially highlighting the synergy with experimental milestones.
 - Yes; connected to 1
5. Produce a timeline of the long-term planning for the development of the modeling capabilities.
 - Yes, connected to 1, 4