

Transport and Turbulence 5 year plan draft update

- T&T sections for Chapter 1 (Ren)
 - Unique parameter regimes accessed by NSTX and NSTX-U: **finished**
 - T&T research opportunities: **finished**
- T&T Chapter 3 sections:
 - Introduction (Ren): **finished**
 - Overview of goals and plans (Ren): **finished**
 - Research plans
 - Thrust 1, experiment (Ren): **finished**
 - Thrust 2, modeling (Guttenfelder): **incomplete** (Dec. 14)
 - Summary timeline for tool development to achieve research goals
 - Theory and simulation capabilities (Guttenfelder): **incomplete** (Dec. 14)
 - Diagnostics (Ren, coauthors): **almost finished**
 - In-vessel ME-SXR arrays (JHU) – **written, will be integrated this week**
 - Other facility capabilities including plasma control (Ren, coauthors): **almost finished**
 - Repetitive laser blow-off impurity injection system (JHU) – **integrate this week**