

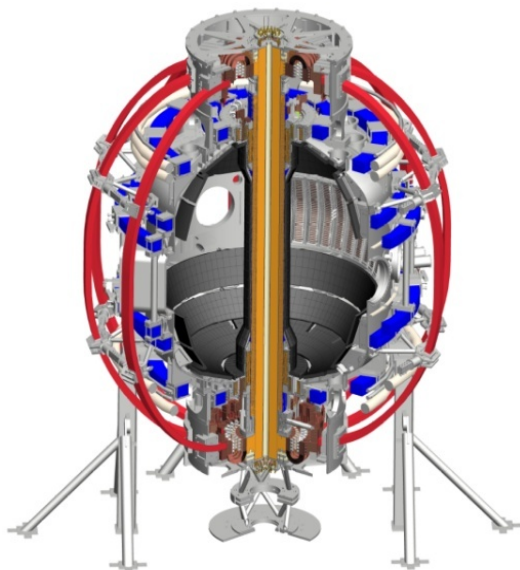
NSTX-U Five Year Plan: status of Chapter 6 *Energetic Particle Research*

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Mario Podestà

for the Energetic Particle Group

NSTX-U 5 Year Plan Status Meeting
PPPL B318
December 17, 2012



Culham Sci Ctr
York U
Chubu U
Fukui U
Hiroshima U
Hyogo U
Kyoto U
Kyushu U
Kyushu Tokai U
NIFS
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U Tokyo
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ENEA, Frascati
CEA, Cadarache
IPP, Jülich
IPP, Garching
ASCR, Czech Rep

Chapter 6 has been revised based on comments from 12/05/2012 meeting

- Recommend increased granularity in “years 3–5” – Perhaps finish each section with brief/bulletized year–by–year plans
 - > Timelines have been added at the end of each Section
 - > Each timeline refers to a Thrust and a separate period (Y1–2 vs. Y3–5)
 - > Can quickly transpose into bullets, if preferred
- Make sure to be very clear on how the code physics is relevant to NSTX–U plans/needs
 - > Should be OK: code description has been tailored to limit the focus to EP–related research on NSTX–U
- Diagnostic info should be kept – but moved to Masa’s facility chapter
 - > Done – EP diagnostics Section sent to Masa
- Need more technical detail on specs for AE antenna [...] plan is too vague to justify likely required resources.
 - > More details have been added to Sections 6.3.3 and 6.3.4
 - > Detailed plan/budget of what will be available (and when) has been prepared
 - > *Proposed plan requires discussion w/ J. Menard, M. Ono, B. Stratton to make sure it fits with overall NSTX–U plans (& budget)*