



Front-End Goals FY 2014

Diktys Stratakis (BNL)

FE Phone Meeting
November 12, 2013

FY 14 R&D activities

- Integrate chicane into decay region for 325 MHz [Neuffer, Snopok, PS's Student, Rogers, Stratakis]
 - Chicane needs modification due to 2 T capture field
 - Simulate ICOOL & G4BL
- Energy deposition on the coils [Snopok, PS Student?]
- Short taper for the 325 MHz FE [Sayed, Neuffer]
- Respond to new target parameters (3 GeV, 1 MW) [Sayed, Neuffer]
 - Optimize decay channel, buncher, rotator
- Finalize global optimization tools [Sayed]

IPAC 2014

- BNL's internal deadline for abstracts is on Nov. 26
- Suggested FE topics to be covered:
 - Chicane for 325 MHz
 - Energy Deposition
 - 3 GeV Staged FE?
- Any other ideas?