



SPS Status – week 17

K. Li

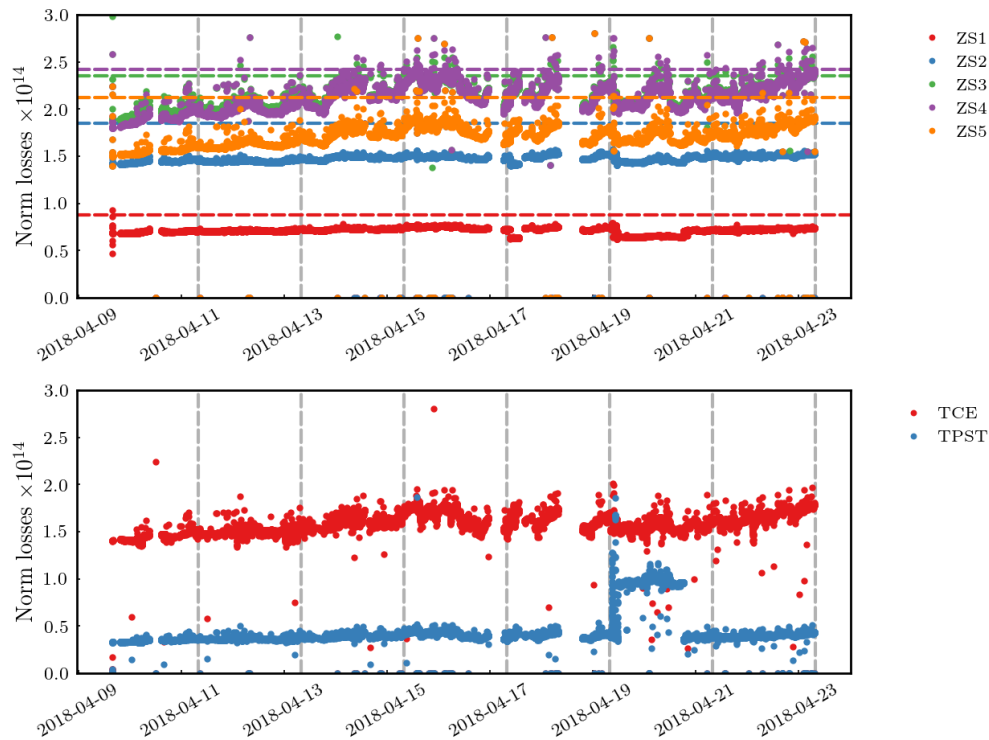
Users' Meeting 26. April 2018

Status – SPS



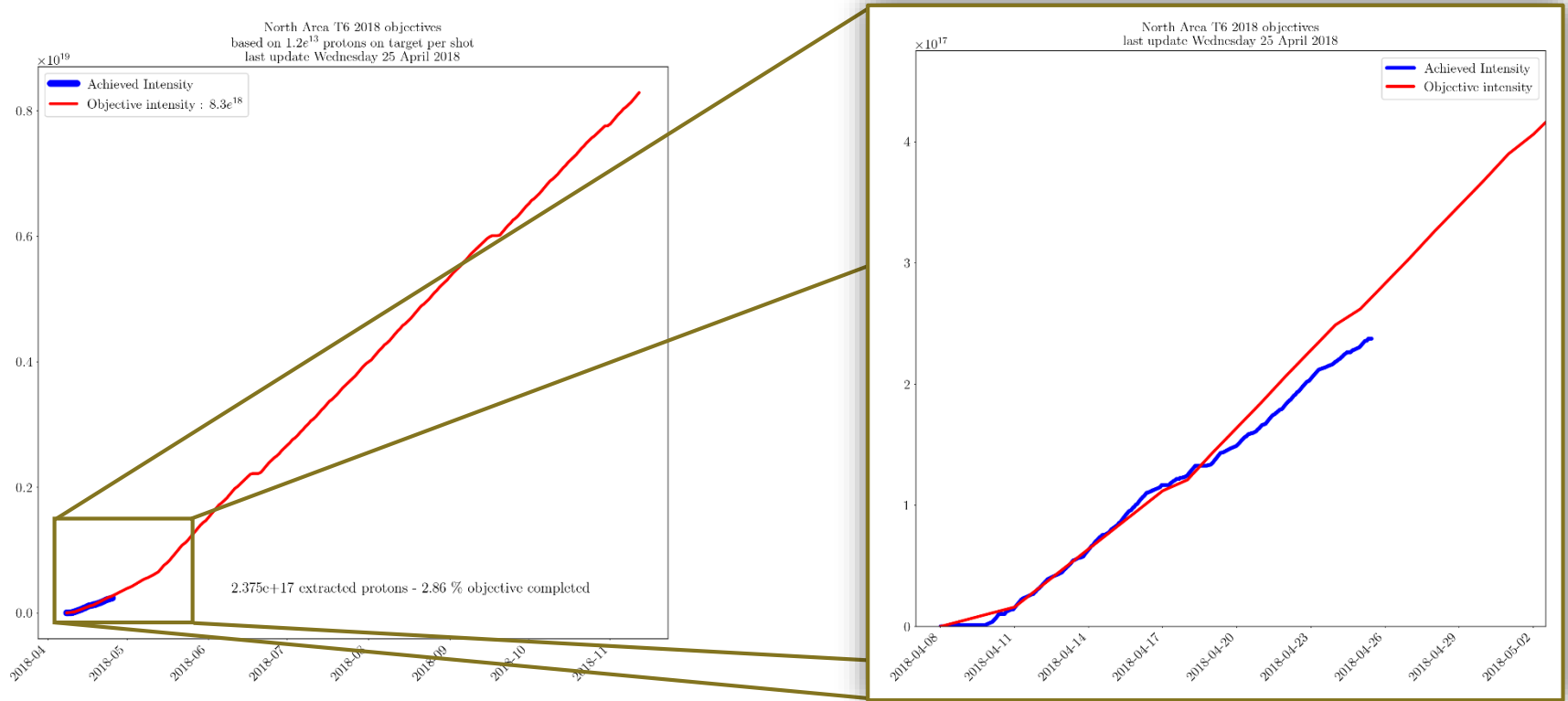
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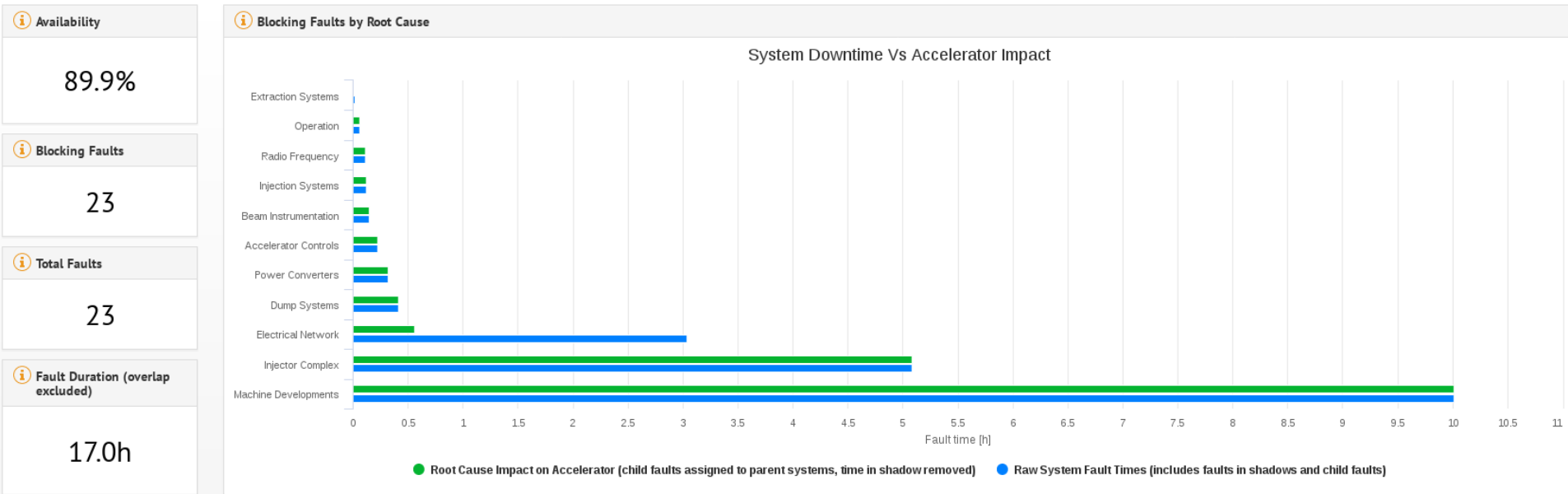
- Tests:

- **Friday** – test with nominal SC, beam only on first cycle:
 - clear dependence on average particle flux
- **Tuesday** – check impact of RF loops on losses:
 - understood
- **Wednesday** – investigation of momentum extraction and girder scan for loss optimization:
 - new optimum found, left overnight for check
- **This evening** – extraction septa alignment for loss optimization in high duty cycle

Status – SPS



- Other:
 - Availability ~ 90%



- HiRadMat 12 bunches extracted to TT60 TEDS – 4 inj. taken
- **Tomorrow 14:00 – start AWAKE setting up**