Calibration & Imaging Tiger Team (CITT) Timeline, update

AST(R)ON

- August,   2013: Project start

- February, 2014: Busy week testing CITT developments

- June 26,   2014: Progress review [Goal: enhanced capabilities]
  - Imager with wideband imaging, casa 4.2
  - Manual recipe for ionospheric calibration
  - Nondirectional stefcal
  - Selfcal tool with peeling

- August,   2014: Busy week testing CITT developments

- November, 2014: Busy week testing CITT developments

- February, 2015: Progress review [Goal: more capabilities, speedups]
  - Functioning prototype pipeline with ionosphere

- July,   2015: Project end [Goal: full capability & performance]
  - Pipeline ready end product

Status of different workstreams

- AWImager:
  - Codebase refactored: stripped 1000s of lines of code
  - Improved parset interface, better documentation
  - Can do multi-scale wideband imaging
- Calibration:
  - NDPPP direction independent stefcal works, speedups around 20 (phase only) to 40 (full Jones)
- Selfcal:
  - Standalone tool improvements
  - Being implemented in pipeline framework now
- Ionosphere:
  - Testing on toothbrush data, LBA observation

Today: testing version of AWImager and NDPPP Stefcal to be provided to small testing group.