

ATCA/Parkes Forum Meeting Minutes

DATE: 19th January 2016
TIME: 1:30 - 2:00
LOCATION: Basement Conference Room
FOCUS: Parkes

- 1) Operations Update: Phil
 - Feb 8 -- two week shutdown for PAF installation
 - TAC meets Feb 9, 10, 11
 - Teleconference between teams for Breakthrough project occurred earlier this month; GBT has first observations
- 2) Computing Update: Mark
 - Eric Mueller in Japan inquired about single dish applications in CASA:
 - what are people currently using?
 - would people use CASA for single dish processing?
 - what is the data processing plan for the PAF on Parkes?
- 3) Parkes Systems Science Update: George
 - SETI and general update:
 - what happens if the DFB fails? -- this is a big concern to users
 - Feb 29th/Mar 1st - Breakthrough project will be out at Parkes; Jimi Green will be out there, too
 - Mar 2nd/3rd will be a workshop here in Marsfield for Breakthrough project; targeted to SETI operations at Parkes
 - power and cooling issues at Parkes are being dealt with
 - last scheduled observations for PAF maybe towards the end of August(?) in order to have the multi-beam installed in time for Oct 1 deadline (or whatever contract states)
 - the backend equipment for the SETI project may not be useful for other things - we currently have no intentions of using their hardware
 - at GBT, the SETI observations are 3-4 hours everyday with the remaining ~20 hours for processing - Is this going to be the same at Parkes?
- 4) PAF Update: Xinpeng Deng
 - see slides
 - Tasso is welcoming engineering commissioning help in Feb
 - the GPU cluster being developed for the PAF will stay and remain at Parkes and become part of the ultra-wide band backend
- 5) Ryan
 - current instruments: looking at using BPSR with other receiving systems
 - Matthew - on a proposal with Jo Dawson (PI - James Allison) to look for HI in tandem with pulsar observations; developing new feature in CASPSR

ACTION ITEMS

- 1) Please let Mark know:
 - a) What single dish applications would you like to see developed for CASA?
 - b) What software packages are people currently using for the ATNF single dish processing?
- 2) See Tasso if you are interested in assisting in the engineering commissioning of the PAF at Parkes in Feb./March