

Internal JIVE BlackHoleCam meeting

Date: 20 August 2015, 13:30 in Arpad's office

Subject: pipeline WP, simulations WP, eVLBI

Present: Arpad Szomoru, Des Small, Mark Kettenis, Ilse van Bemmelen, Harro Verkouter, Bob Eldering

This is the first meeting after summer break, and includes the eVLBI developments related to BlackHoleCam.

Mark reports on his continuing work to process EVN data through CASA. The FITS-IDI import task now handles the scans similar to AIPS. He is now testing the imaging, which fails. A list of problems/issues will be written up, and contact needs to be made with the CASA team, notably George Moellenbrock.

Des has implemented a more controlled LSQ fit. He still works on implementing the Schwab-Cotton algorithm, expects this to be done by mid-September. CASA implementation requires a proper calibration table in CASA to store the delay and rate values. Documentation to be written

Ilse is writing up a design document for the CASA fringe finding task. This will go out to NRAO (Jeff Kern) next week. She continues efforts on getting EVN data processed in AIPS, needs to talk to the support staff about the problems with FRING. She is maintaining and updating the tasks in the Redmine database.

Work on the simulations over summer has been happening mainly in South Africa and Nijmegen. Ilse has a telecon scheduled with Roger Deane, and will get in touch with Pim Schellart.

Bob and Harro are involved in the development of eVLBI functionality. Bob has implemented some changes in the software that enable the selection of a timerange, and send it to the correlator. This needs to be tested further. Harro will get in touch with Helge Rotmann (MPIfR) for this.

Actions:

Mark: write up of the problems encountered / changes to be made in CASA

Des: write documentation for the current fringe fit implementation

Ilse: talk to science support and get AIPS processing done

Ilse: mail Pim and Roger (done)

Harro: get in touch with Helge

Next meeting: September 17th, 13:30