Sigproc

Seek clean\_1.tim (> .prd file)

Best \*.prd

reader \*.tim > \*.ascii

Ascii file : two ranks:

Time and Intensity

gnuplot> pl ‘.ascii’ u 1:2 w l #  use 1:2 ranks . with line, plot ‘-’

Psrcat -c ‘DM P0’  B0329+54  #finding pulsar in catalog

-nobaseline # remove baseline

Fake -p 1.0 -dm 100 -nchans 1536 -tobs 60 -fchan1

Prepfold -psr B0329+54 \*.fil  #presto

Dspsrfill  # same as sigproc ,

Duper -c 0.714(period) -d 26 (DM)  -O test\_fold \*.fil > \*.ar file

Psrplot -p F test\_fold.ar

Pazi test\_fold.ar  (part of psrarc, RFI removing)

Paz –r –e despsr\_output.ar

Tempo (generate period for exact date and observation)

Locate obeys.dat(generate observations information)

[Tz.in](http://Tz.in) file.

Tempo -z [tz.in](http://tz.in)  > polyco.dat

prepfold -polycos polyco.dat

fold(part of sigproc) –p polyco.dat \*.tim > \*.prof (after dedisperse , need precise time period)

Cal2mjd 2017 10 24 00 00 00(part of presto)

?

1)SNR calculation problem

2)time chunk

3)gnuplot

pdmp –dr 100 –ds 1 –pr 1000000 \*.ar.pazi.pazi