

PULSAR TIMING WITH TEMPO2

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Golam Shaifullah

with Sarah Buchner, Renée Spiewak & Avishek Basu

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*i do not know what it is about you that closes
and opens; only something in me understands
the voice of your eyes is deeper than all roses*

- E. E. Cummings



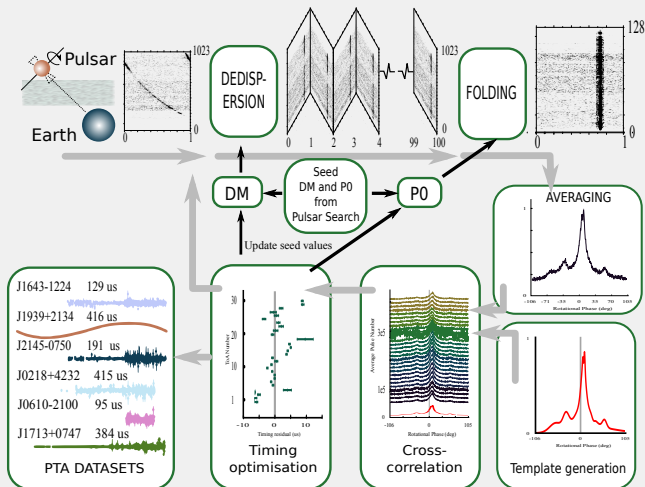
Tempo2

git:

`https://bitbucket.org/psrsoft/tempo2.git`

Edwards et al. (2006); Hobbs et al. (2006, 2009)

THE TIMING PROCESS



original figure appears in Verbiest and Shaifullah (2018).

Basic timing

```
$ tempo2 -f filename.par filename.tim <options>
```

Text based interfaces

```
$ tempo2 -output general2 -f filename.par  
filename.tim <options>
```

Graphical interfaces

```
$ tempo2 -gr plk -f filename.par filename.tim  
<options>
```

extra options:

- * -showchisq
- * -epoch <centre>
- * -nofit or -fit <PARAM>
- * etc.

Thank You!

REFERENCES & LITERATURE

Edwards R. T., Hobbs G. B., Manchester R. N., 2006, MNRAS, 372, 1549

Hobbs G. B., Edwards R. T., Manchester R. N., 2006, MNRAS, 369, 655

Hobbs G., et al., 2009, MNRAS, 394, 1945