

Pulsar Voices

Feel the pulse of the universe
<http://bit.ly/1X3l6cq>



Exploring pulsar data variability (simply, audibly, visibly)

The Data: 2,295 pulsars; Sky Position,
Distance, frequency, waveform

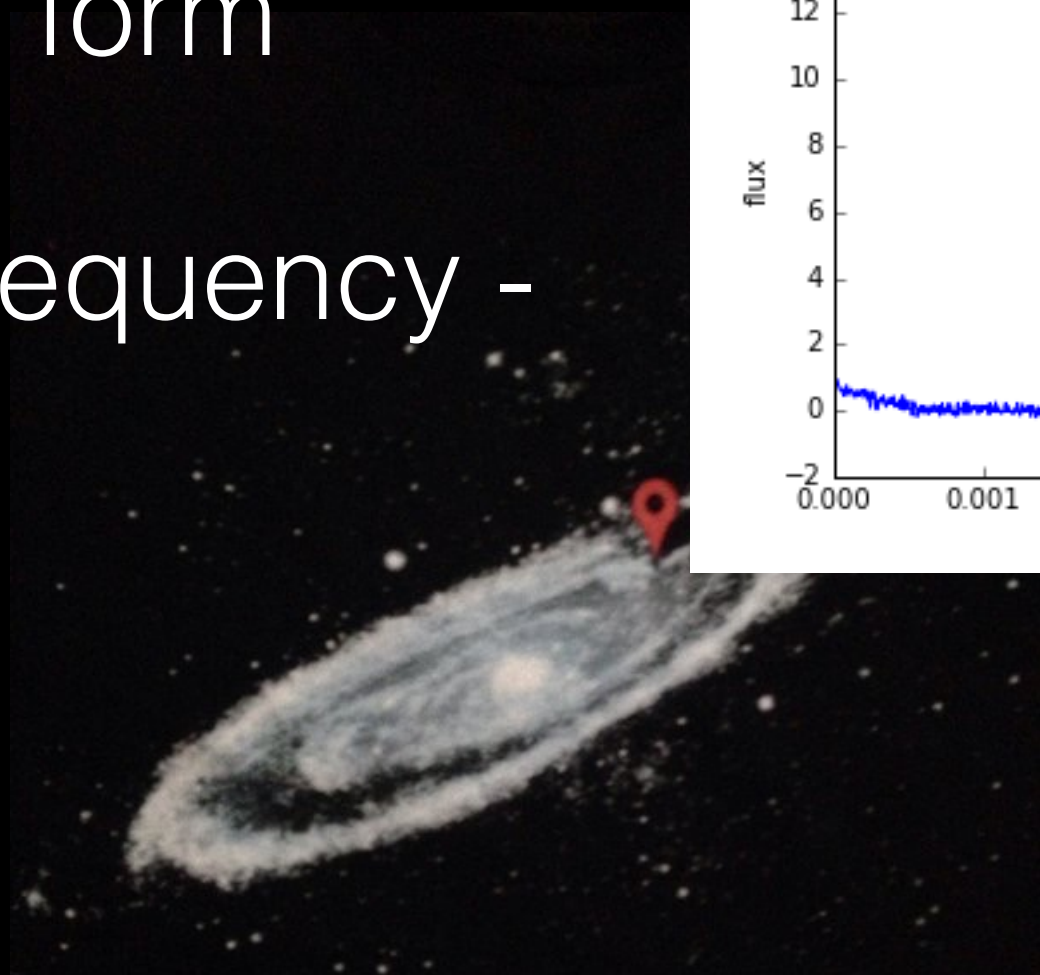
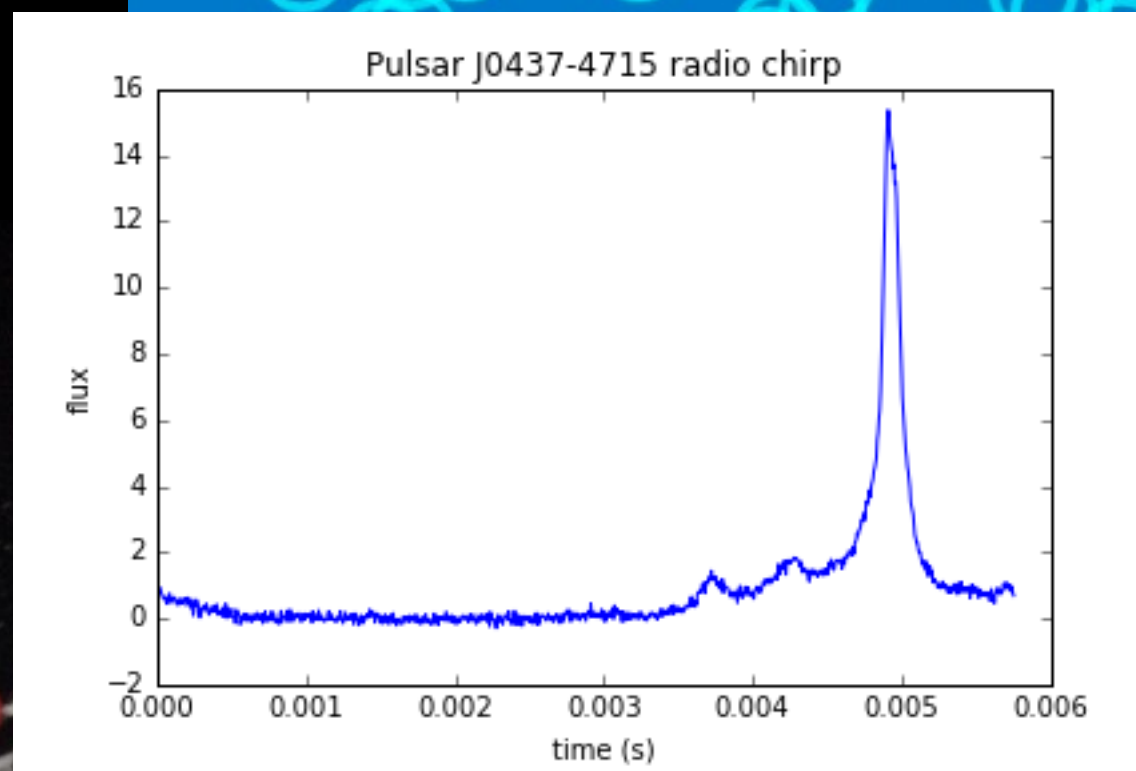
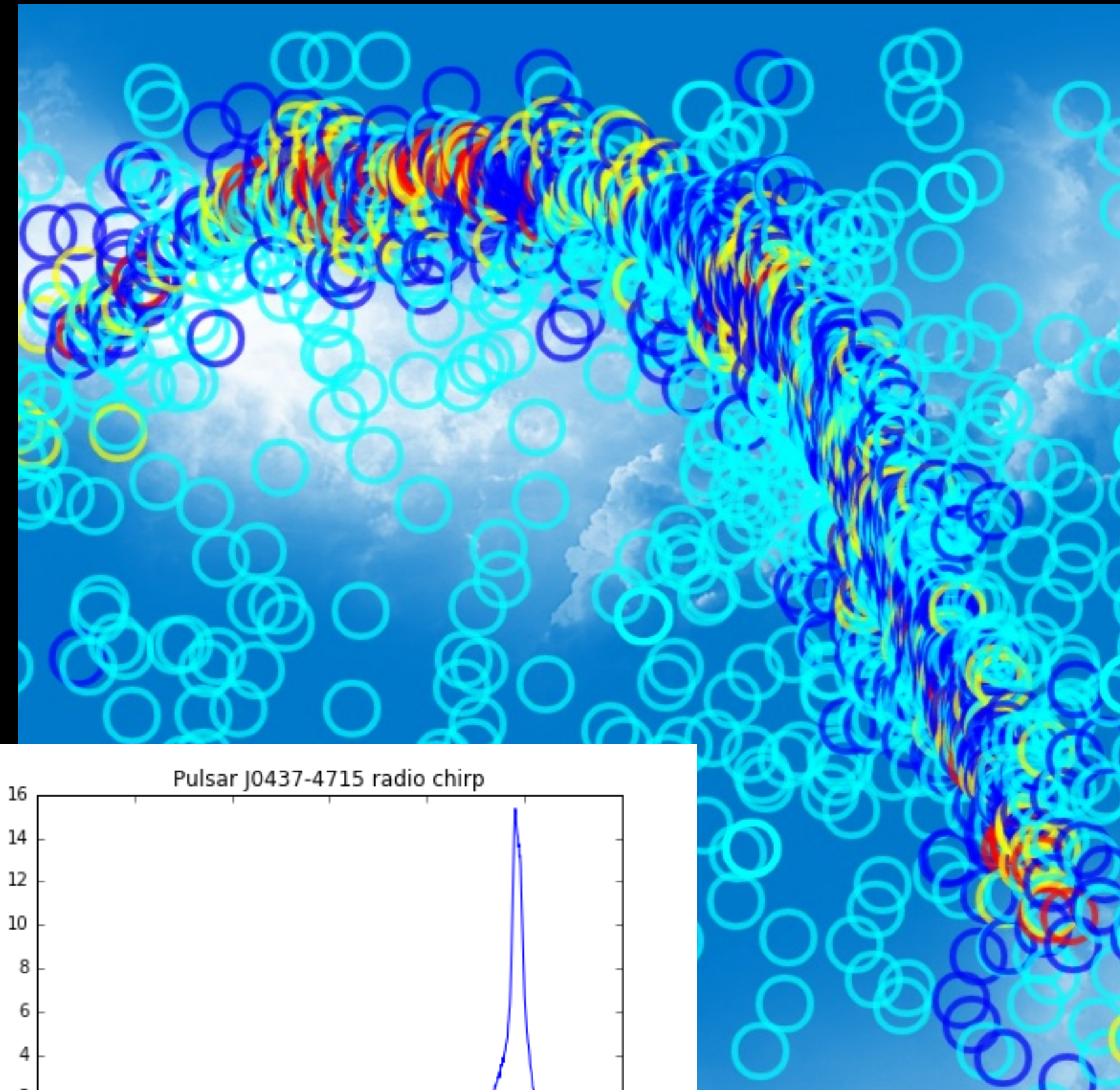
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Pulsar Voice: Key Functions

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- plot all pulsars - colour by distance
- see data
- process frequency into audible tones - explore data audibly -
present FM pulsar wave form
- find similar pulsars by frequency -
search data



Next Steps

<http://bit.ly/1X3l6cq>

- Add work to date to repository; add DOI
- Add detail waveform, images for all pulsars
- Add zoom / pan functions; set sensitivity on like frequency pulsars
- Blue sky: project datavis onto planetarium, with immersive sounds

