



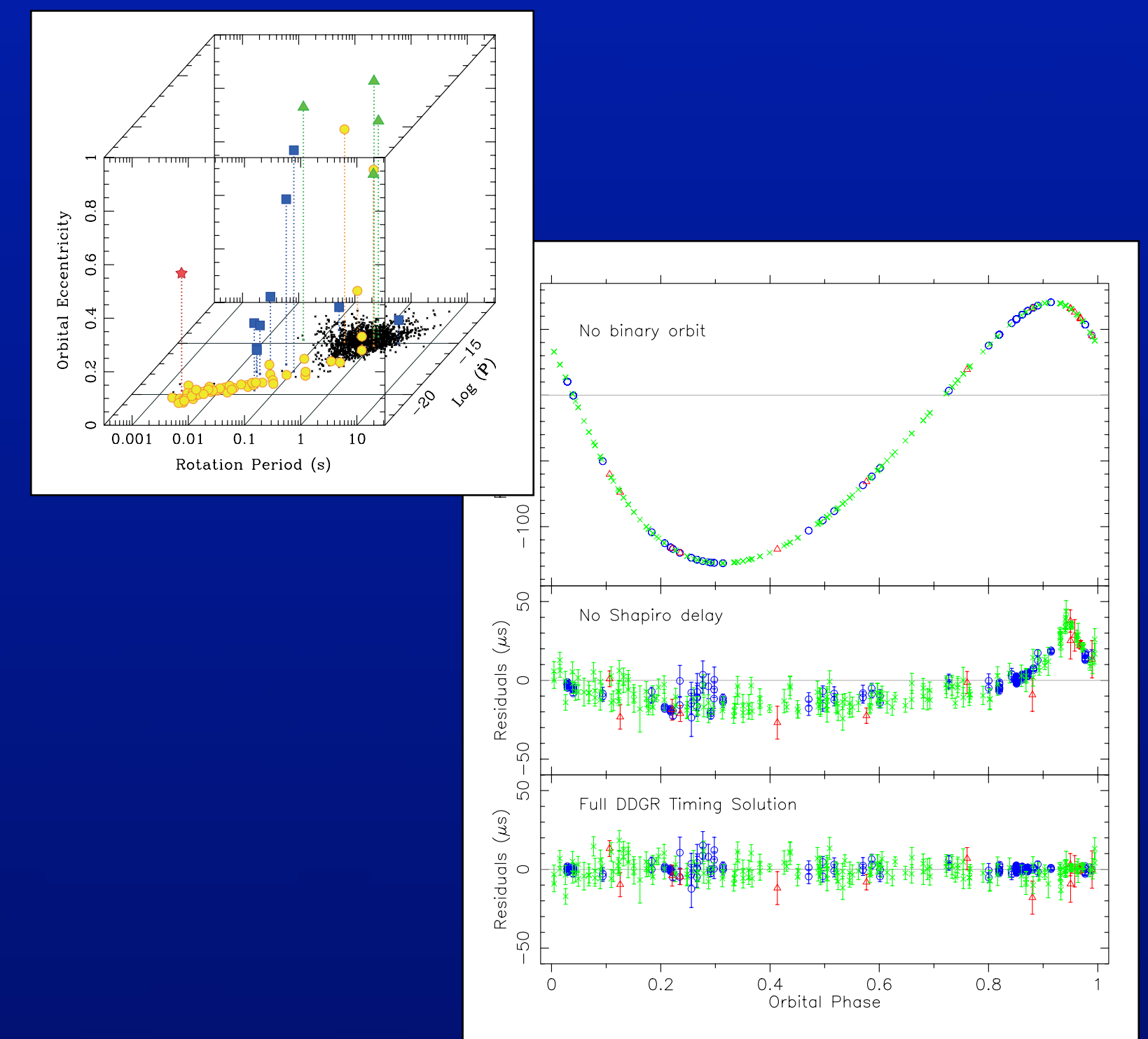
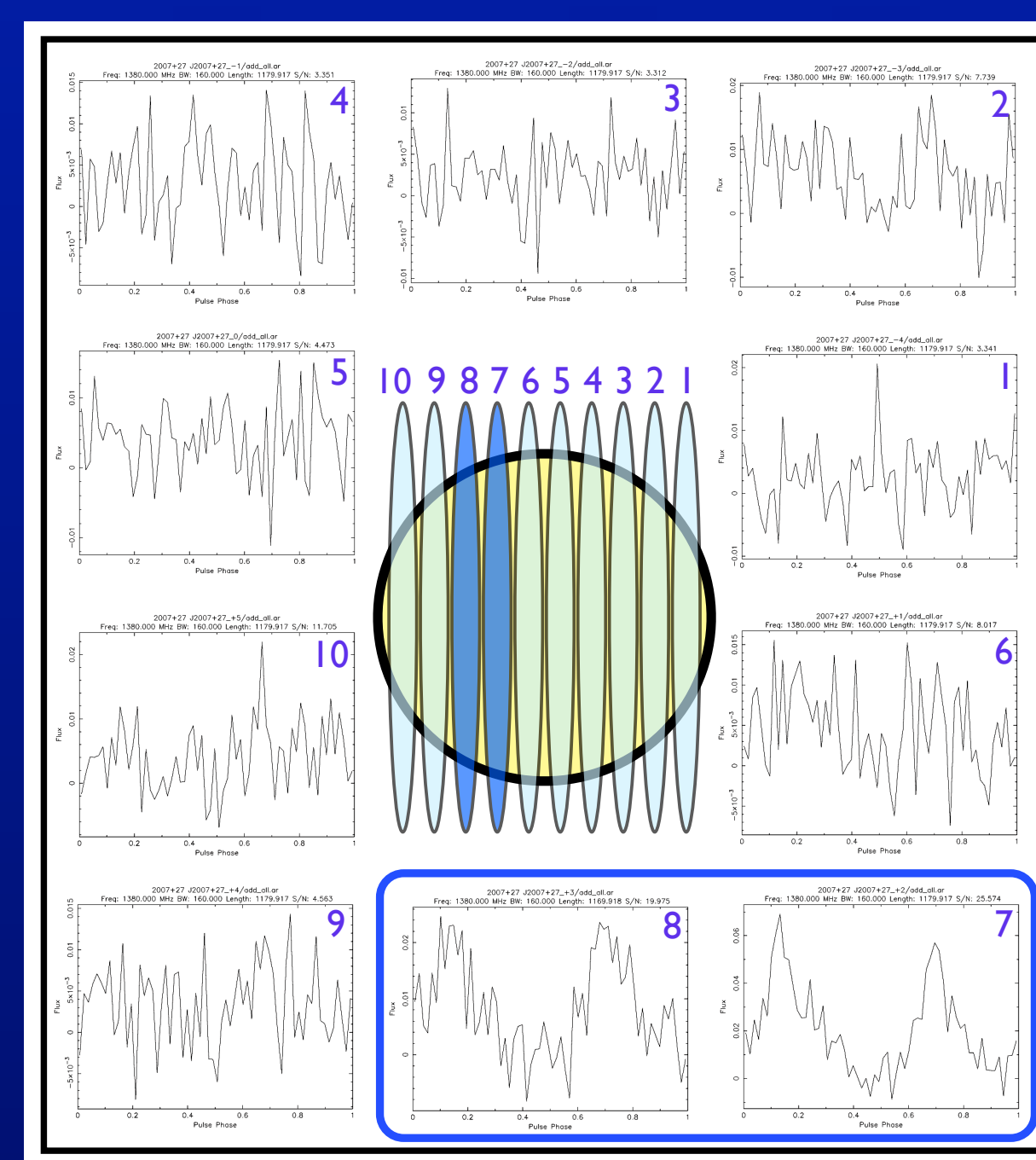
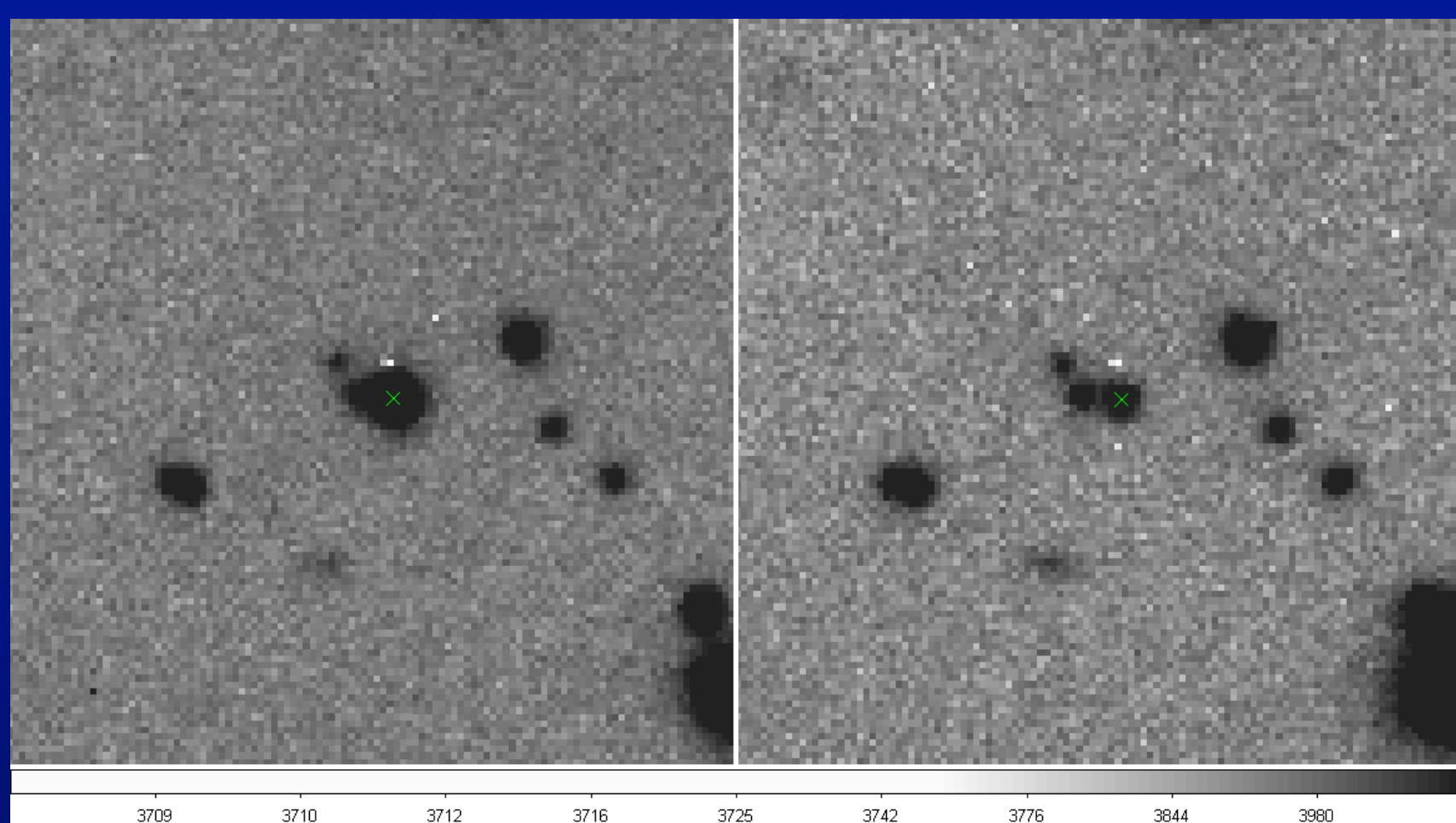
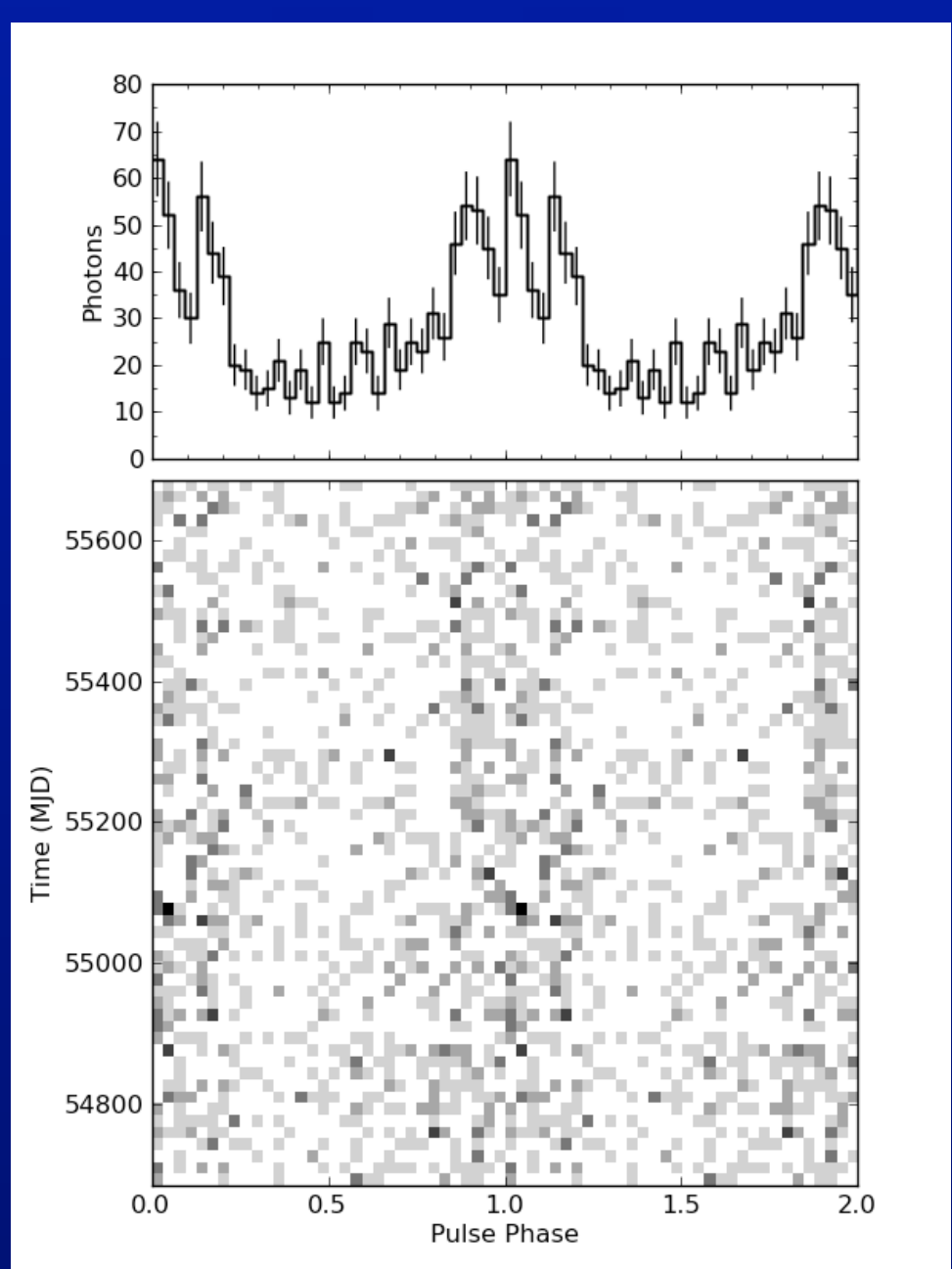
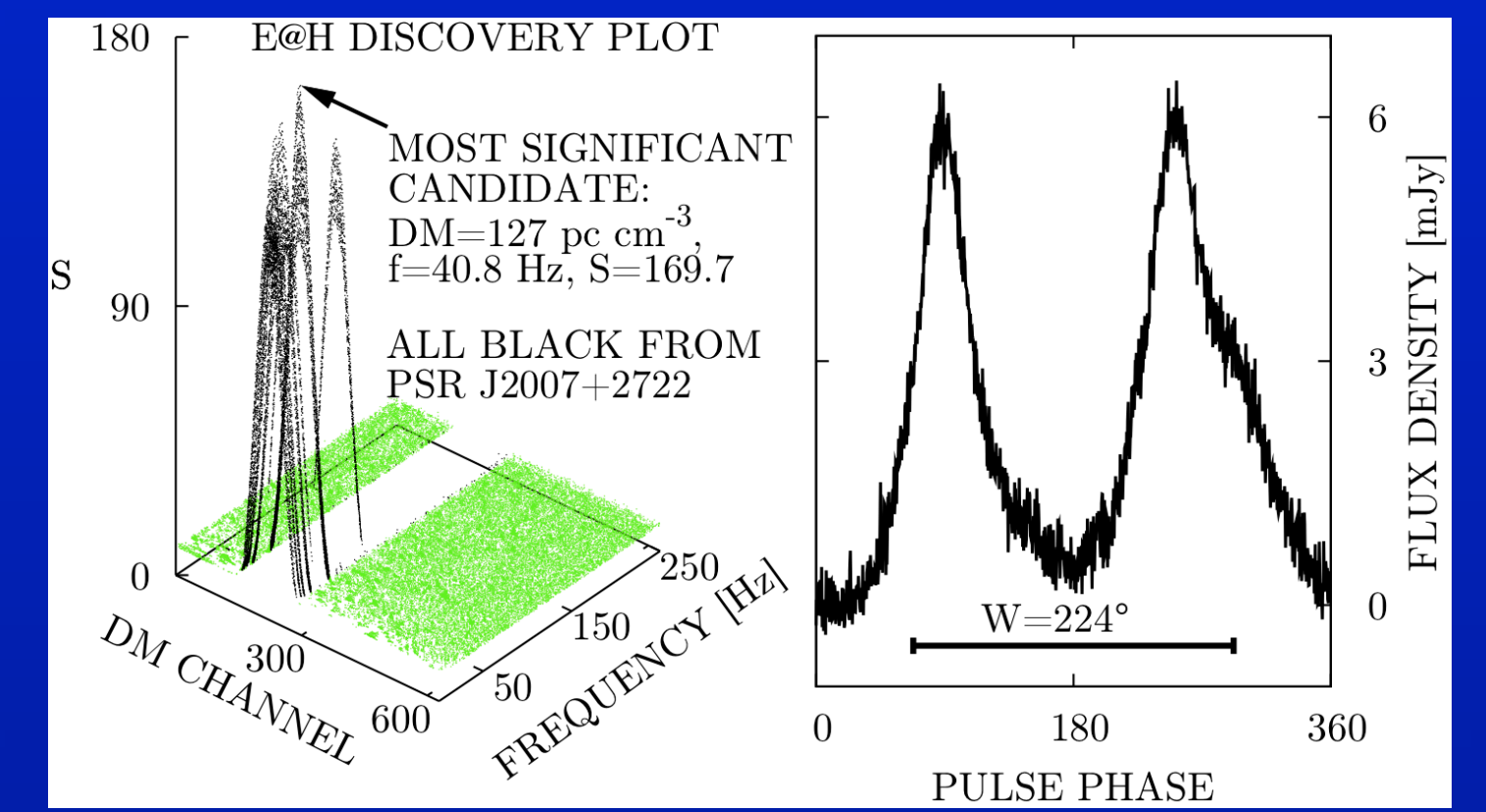
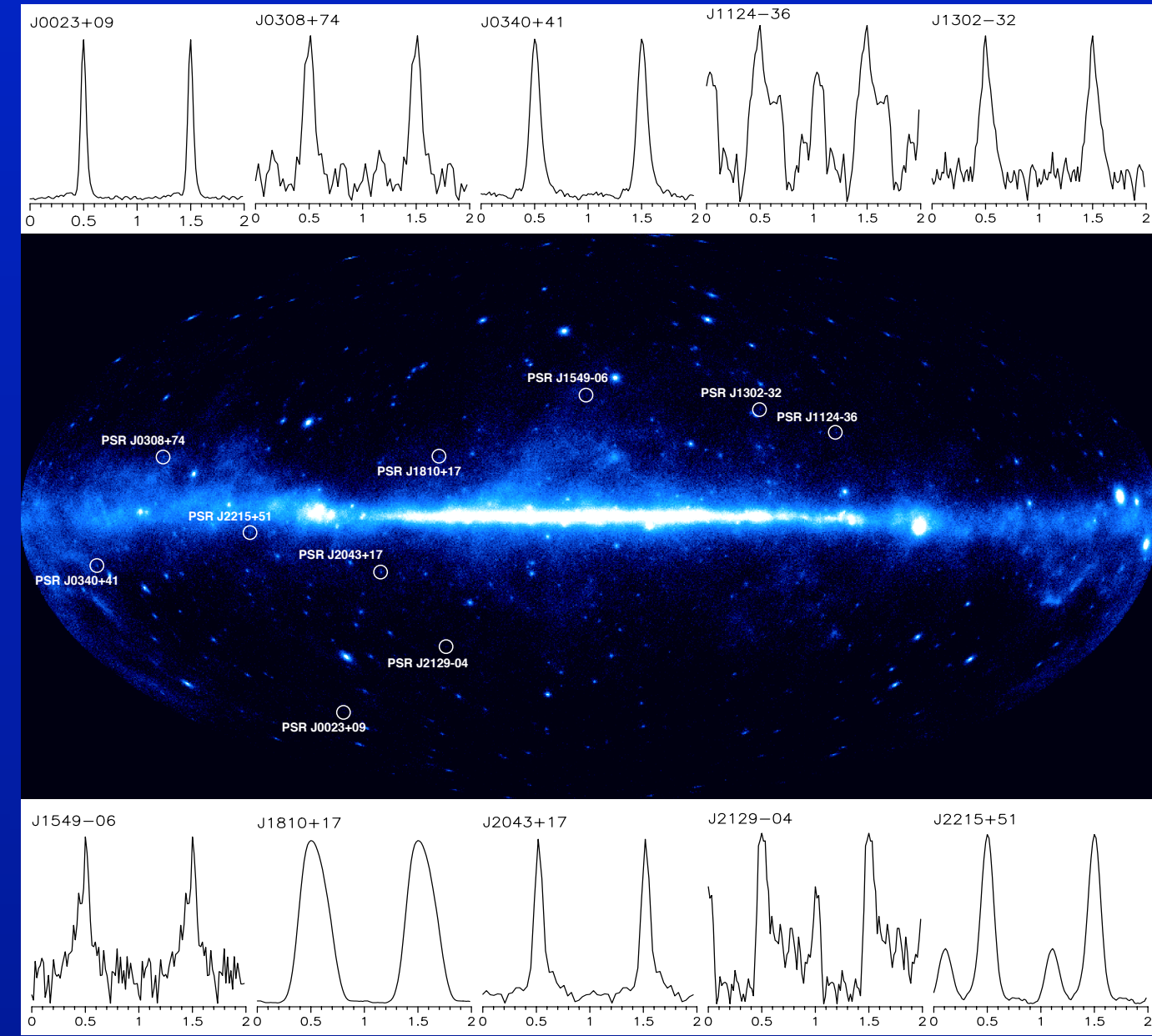
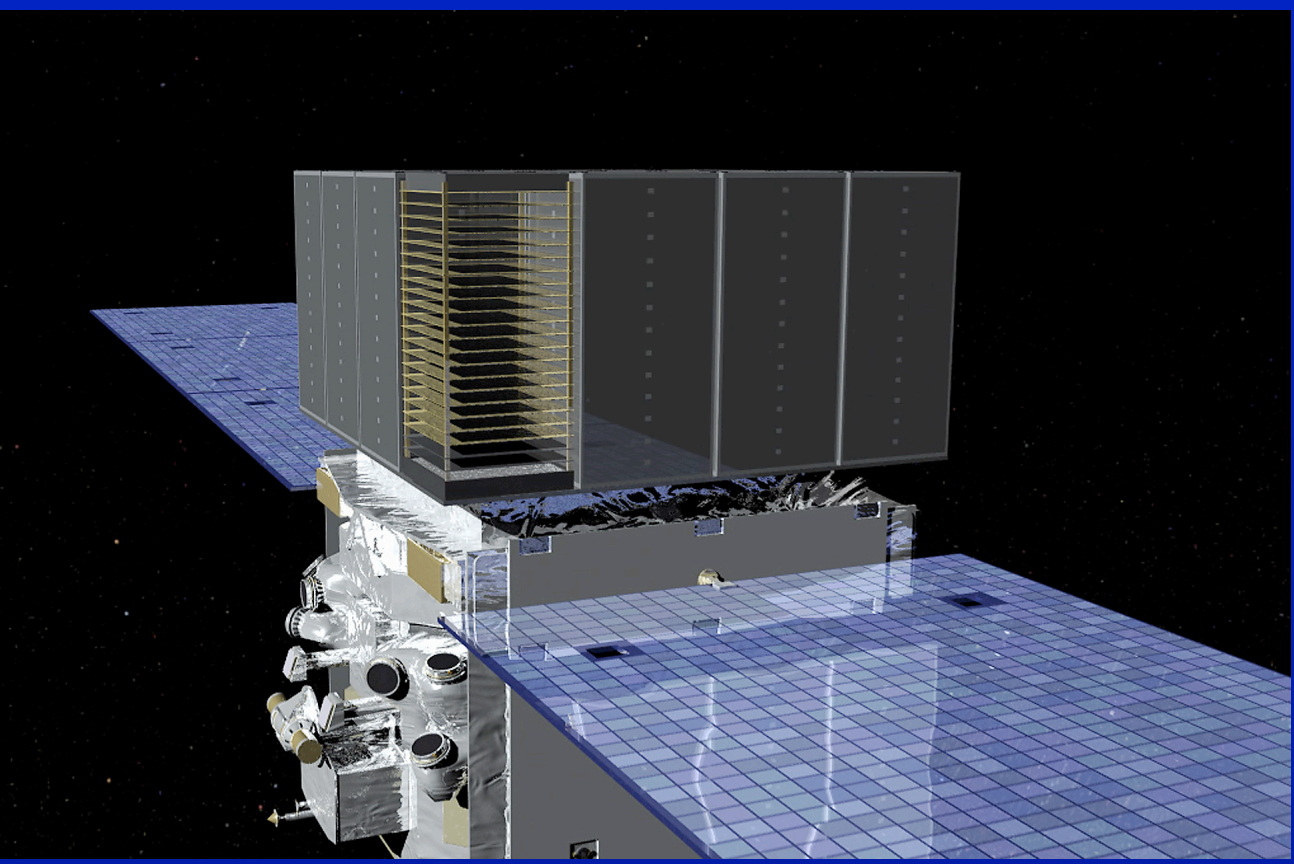
Pulsar Searches



Finding Exotic Systems to Use as Astrophysical Laboratories

Fermi Millisecond Pulsars Charting the Galactic population of gamma-ray sources

Arecibo PALFA Survey Finding millisecond pulsars deep in the Galactic plane

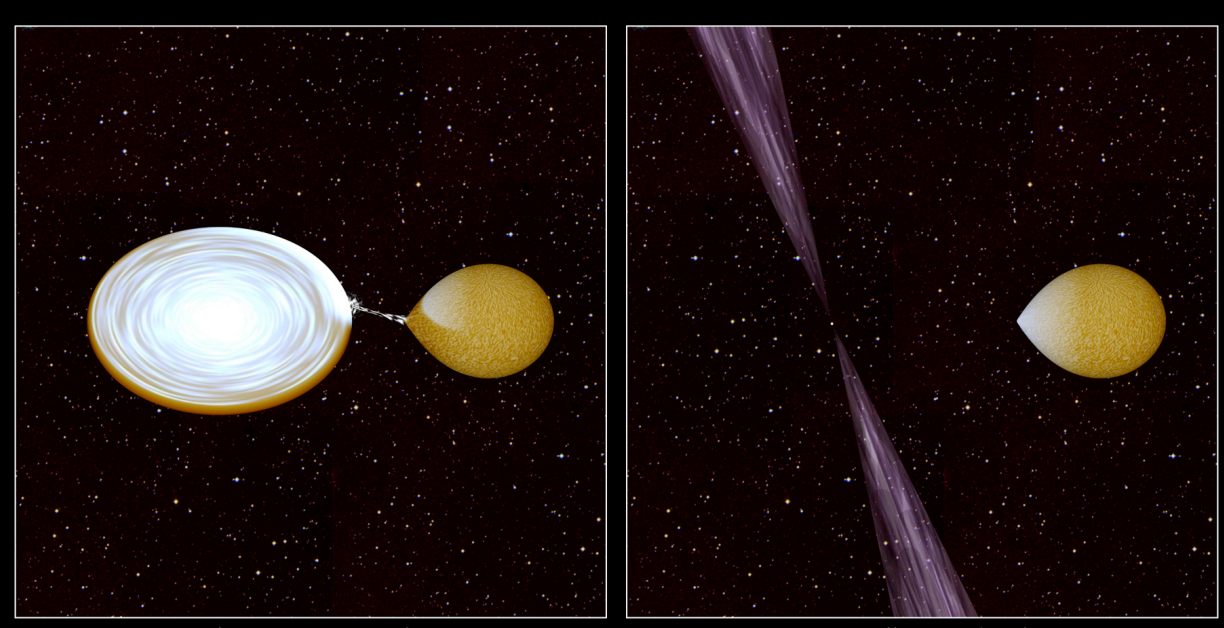
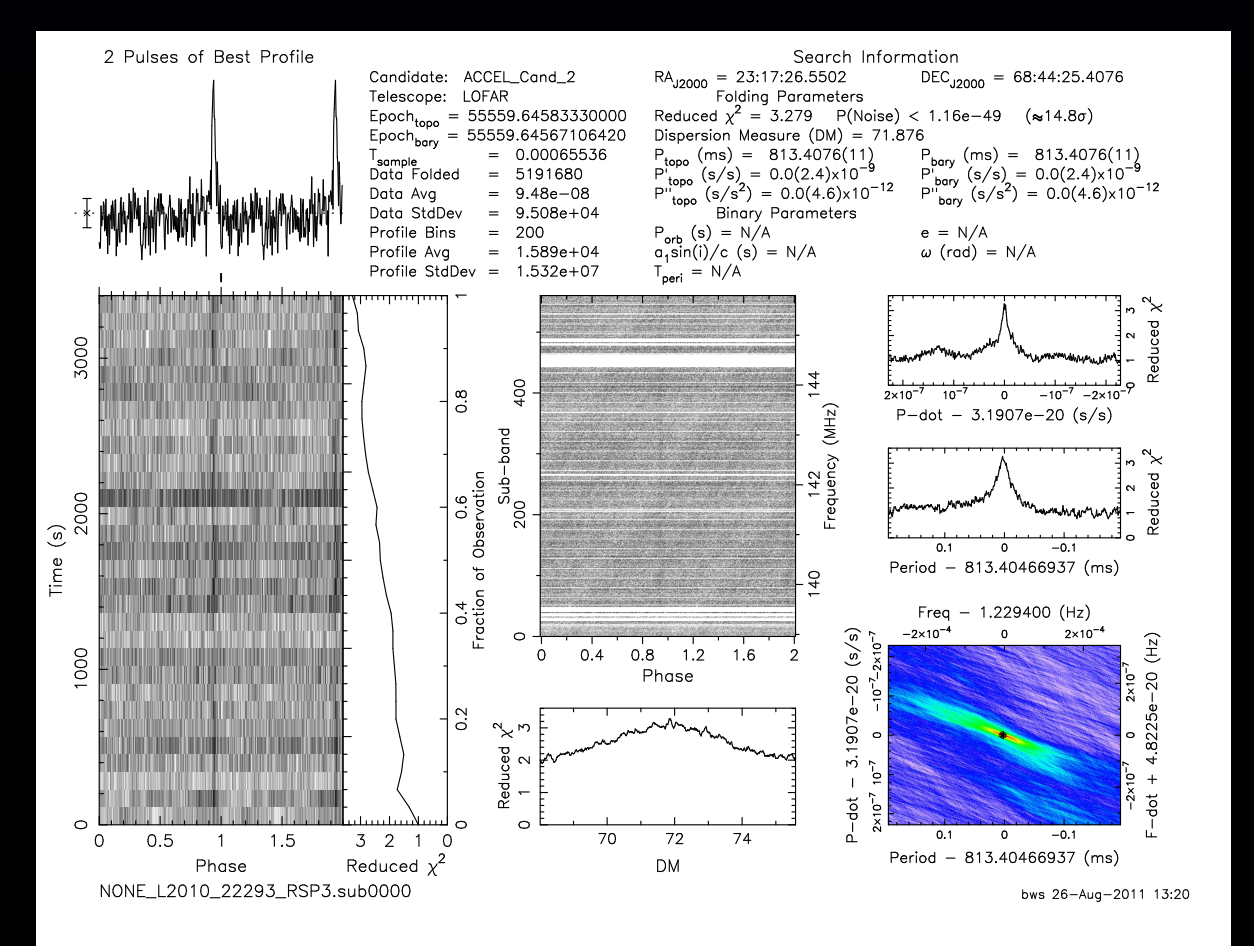
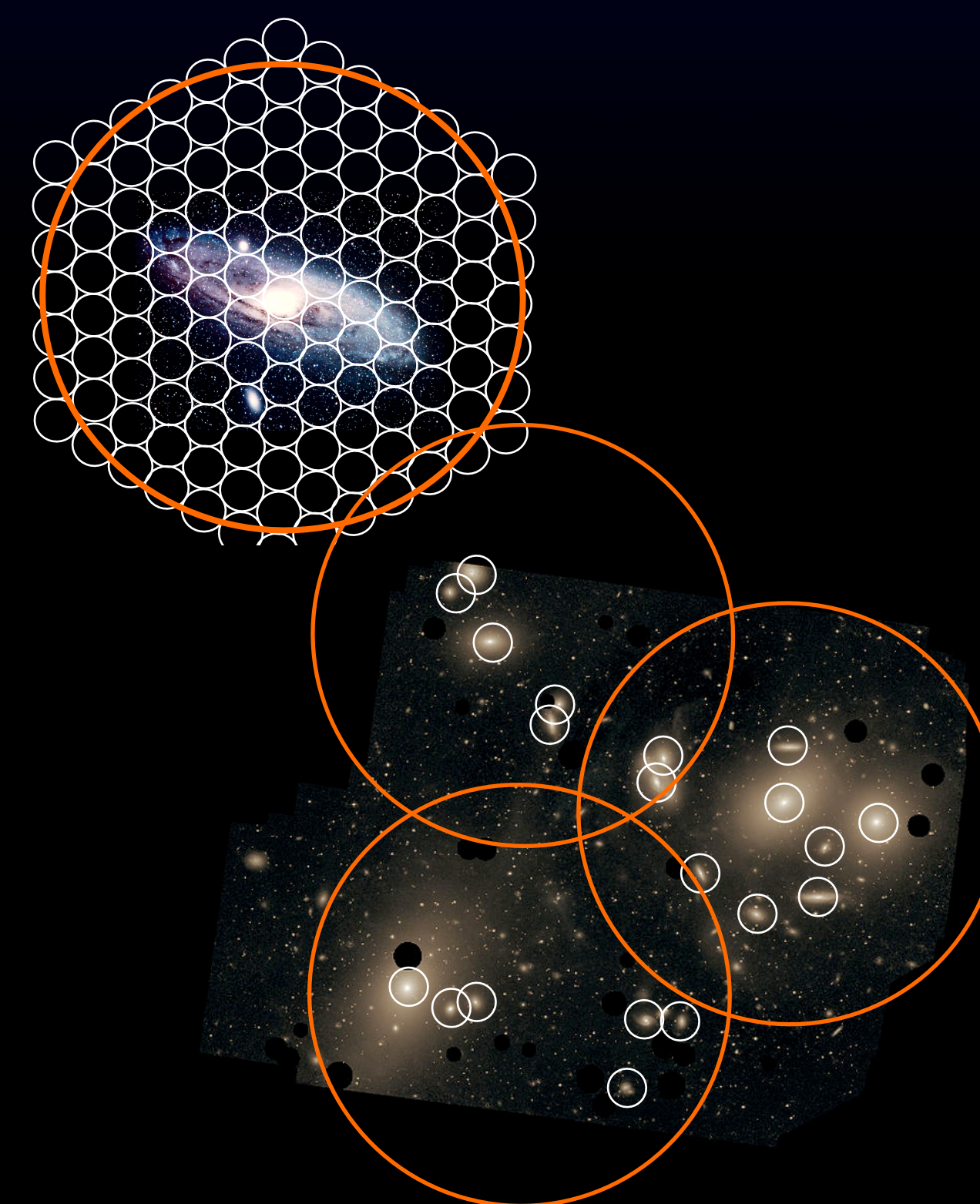
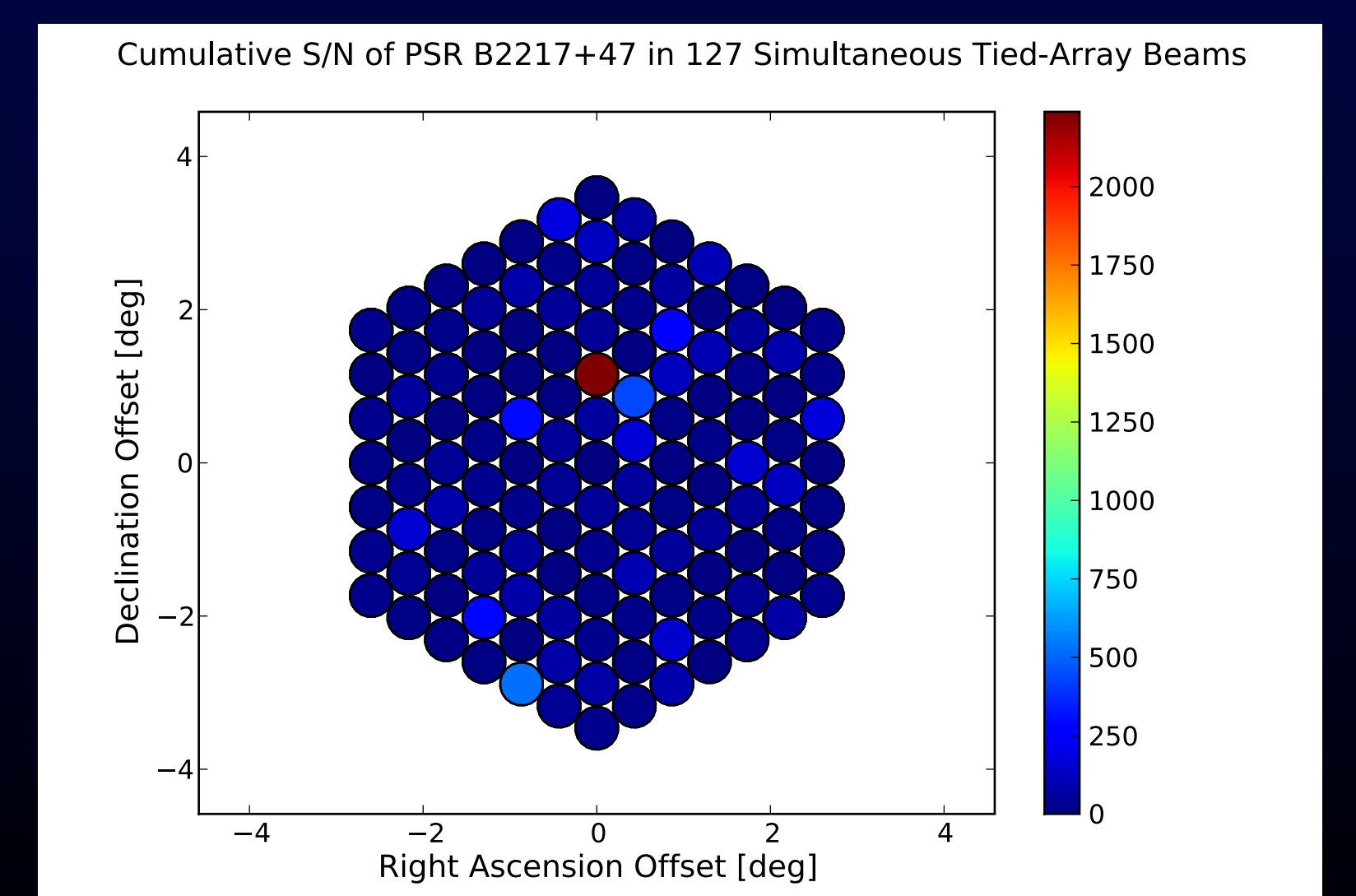
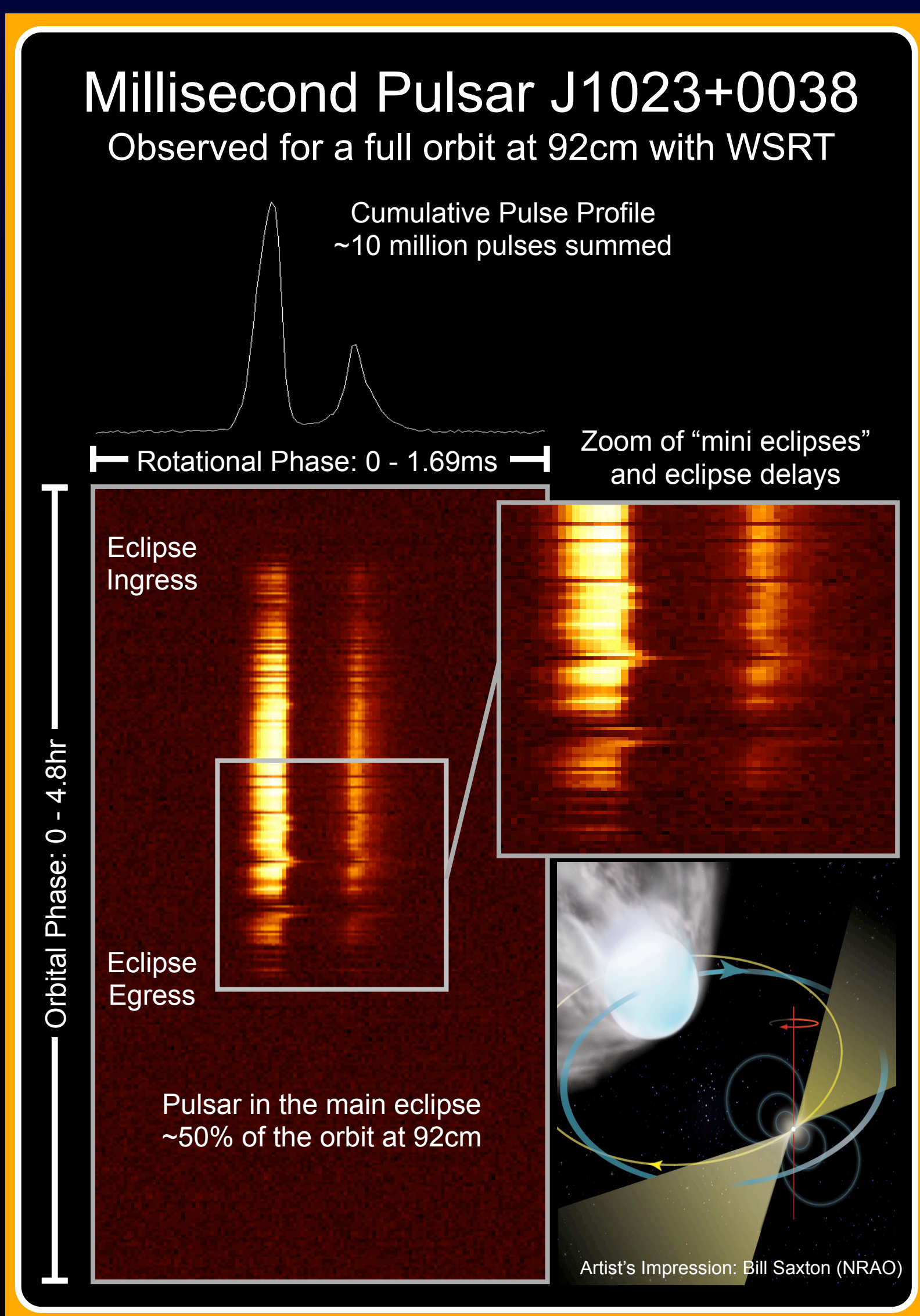


"A 350-MHz GBT Survey of 50 Faint Fermi γ -ray Sources for Radio Millisecond Pulsars" Hessels et al. 2011, AIPC, 1357, 40
"Two Black-Widow Gamma-Ray Millisecond Pulsars" Hessels et al. 2011, in prep.
"A Gamma-Ray Redback Millisecond Pulsar" Hessels et al. 2011, in prep.
"PSR J0340+4130: A Fermi-detected isolated millisecond radio pulsar" Bangale et al. 2011, in prep. (including Hessels)

"Arecibo Pulsar Survey Using ALFA: Probing Radio Pulsar Intermittency And Transients" Deneva et al. 2009, ApJ, 703, 2259 (including Hessels and van Leeuwen)
"Pulsar Discovery by Global Volunteer Computing" Knispel et al. 2010, Science, 329, 1305 (including Hessels and van Leeuwen)
"PSR J1856+0245: Arecibo Discovery of a Young, Energetic Pulsar Coincident with the TeV γ -Ray Source HESS J1857+026" Hessels et al. 2008, ApJL, 682, 41 (including van Leeuwen)

GBT 350-MHz Surveys Finding northern MSPs for the pulsar timing array

LOFAR Surveys All-sky surveys for pulsar and fast transients



"A Radio Pulsar/X-ray Binary Link" Archibald et al. 2009, Science, 324, 1411 (including van Leeuwen, Kondratiev, and Hessels)

"Observing pulsars and fast transients with LOFAR" Stappers, Hessels et al. 2011, A&A, 530, 80 (including van Leeuwen, Kondratiev, Alexov and Coenen)

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