



IPTA 2024 SCIENCE WEEK POSTER SESSION

Fronefield Crawford	Enhancing Undergraduate Research: The NANOGrav Student Teams of Astrophysics Researchers (STARS) Program
Peter Orndoff	Visualizing the Gravitational Wave Background using gw_sky
Huanchen Hu	Data processing challenges in compact binary pulsar systems
Walid Majid	Pulsar timing with the Deep Space Network
Sarah Burke-Spolaor	The roadmap to MMA with binary supermassive black holes
Anjana Ashok	Addressing non-stationary processes in PTA data
Xuan Tao	A continuous gravitational wave search algorithm that separates the search for pulsar phase and pulsar distance
Yiqian Qian	Time Domain Red Noise Removal
Marcus Lower	The Parkes Young Pulsar Array: Unveiling the physics of neutron stars and the interstellar medium
Nikita Agarwal	Targeted searches for Continuous Wave Sources with the NANOGrav 15 year dataset
Lankeswar Dey	Search for an eccentric binary in 3C 66B using NANOGrav 12.5-year data set
Prajwal Voraganti Padmanabh	Searching for compact binary pulsars using template-bank methods and volunteer distributed computing
Bence Becsy	Efficient parameter estimation and model selection of continuous wave signals
Shaswat Sardesai	Analyzing the psd of simulated 15yr datasets using the t-process
Clara Banchard	The spider pulsars population observed by the NRT
Nicholas John O'Neil	Parameter estimation for a two-component neutron star model with a Kalman filter
Bjorn Larsen	Understanding Chromatic Noise Models in Six Pulsars using Gaussian Processes
Jiang Jinchun	The HI absorption line & anomalous dispersion in pulsar emission
Yihao Zhou	Gravitational Wave Single Sources to be Detected by PTA: Predictions from the Astrid Simulation
Lars Nieder	Long-term joint radio and gamma-ray timing analyses reveal pulsar planets around black widows
Ryo Kato	Precision of localization of gravitational-wave source with realistic situation using Pulsar Timing Array
Patrick Meyers	Posterior Predictive Checking for Pulsar Timing Array Analyses
Aman Srivastava	Noise budget of second data release of the Indian Pulsar Timing Array experiment
Benjamin Zhang	Searching for Coherent Gravitational Waves with Relative Stellar Astrometry
Amanda Vazquez	Simulating Wide-Band Pulsar Timing Observations