

## Experiments: The European Pulsar Timing Array - the pulsar dataset

*Tuesday, September 5, 2023 2:30 PM (30 minutes)*

I will present the second data release of the European Pulsar Timing Array (EPTA), containing high-precision pulsar timing data for 25 millisecond pulsars collected with five of the largest radio telescopes in Europe as well as the Large European Array for Pulsars. This dataset forms the basis for the gravitational wave searches carried out by the EPTA. I will also present results from the timing analysis and inferences on the individual pulsar properties.

**Presenter:** SHAIFULLAH, Golam (Dipartimento di Fisica “G. Occhialini”, Università degli Studi di Milano-Bicocca, Piazza della Scienza 3, I-20126 Milano, Italy)

**Session Classification:** Parallel Sessions