

**Session Program**

**5-7 May 2025**

**5th EuCAPT Annual Symposium (online)**

***Pulsar Timing Arrays***

CERN, ONLY ONLINE

# Monday 5 May

14:00

## Pulsar Timing Arrays

**Session** | **Location:** CERN, ONLY ONLINE

14:00–14:30

### NANOGrav: Results and prospects

#### Speaker

Chiara Mingarelli

14:30–14:45

### Dark matter searches with PTAs

#### Speaker

Hyungjin Kim

14:45–15:00

### SMBHBs in light of PTA results

#### Speaker

Gabriela Sato-Polito

15:00–15:01

### SMBH in light of the PTA background

#### Speaker

Juan Urrutia

15:01–15:02

### Detecting gravitational wave anisotropies from supermassive black hole binaries

#### Speaker

Anna-Malin Lemke

15:02–15:03

### Scalar-induced gravitational waves with future PTA data

#### Speaker

Chiara Cecchini

15:03–15:04

### Explaining the PTA signal and dark matter with a conformal dark sector

#### Speaker

Carlo Tasillo

15:04–15:05

### To log or not to log: NANOGrav bounds on the tension of stable cosmic strings

#### Speaker

Olivia Bitcon

15:05–15:06

### Binary Pulsars Hunting Ultra-light Dark Matter

#### Speaker

Pavel Kůs

15:07–15:30

### Questions & discussion

15:30–16:00

### Panel Discussion. Panelists: Bruce Allen, Stas Babak

18:30