

NANOGrav SPRING 2025 COLLABORATION MEETING
HELD VIRTUALLY TO OUR WORLD-WIDE COLLABORATION
APRIL 15th – 16th
Schedule updated: April 4th, 2025

All times are listed in Eastern Daylight Time (UTC -4 Hours)

Monday, April 14th (Optional)

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| 12:00 – 2:00 | Working Group Session on NG20 Interpretation
Coordinated by: Astrophysics WG, New Physics WG, and Detection WG |
| 2:00 – 2:30 | Coffee Break |
| 2:30 – 4:30 | Working Group Session on Cyclic Spectroscopy Data Storage and Processing
Coordinated by: Noise Budget Working Group |
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Tuesday, April 15th

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| 12:00 – 12:15 | Welcome Address
Presented by Ryan Lynch |
| 12:15 – 12:45 | State of the Collaboration
Presented by Steve Taylor |
| 12:45 – 2:15 | NG20: Status and Update
Speakers: Thankful Cromartie, Megan DeCesar, Michael Lam, & Caitlin Witt
A status update, construction and analysis summaries, and publication plan discussion for the NANOGrav 20-Year Dataset. |
| 2:15 – 2:30 | Coffee Break |
| 2:30 – 3:30 | Lightning Talks I <ul style="list-style-type: none">– <i>Summary of the Aspen 2025 Meeting</i>, Sarah Burke-Spolaor– <i>From Binary Properties to Host EM Observables</i>, Niccolò Veronesi– <i>Using Holodeck to model the GWB and Constrain Evolution in the Galaxy-BH Mass Scaling Relation</i>, Cayenne Matt– <i>The Limits of Bayesian Astrophysical Inter-fences on PTA Data</i>, Nima Laal– <i>The Noise Marginalized Fp Statistic</i>, Shashwat Sardesai– <i>Defiant: Data-Driven Enhanced Frequentist Inference Analysis with Next-gen Techniques</i>, Kyle Gersbach– <i>Gravitational Waves and the Structure of Quantum Spacetime</i>, Saeed Rastgoo– <i>Scalar Induced Gravitational Waves Interpretation of the NANOGrav Dataset</i>, Antonio Junior Iovino |

Tuesday, April 15th (*Continued*)

3:30 – 3:45 **Coffee Break**

3:45 – 4:45 **Lightning Talks II**

- *On p-values and Validity of Scrambling Methods in Pulsar Timing Arrays*, Rutger van Haasteren
- *Flux Densities from the 15-Year Data Set*, David Nice
- *Pulsar Scintillation on J2022+5154 and Others*, Juan G. Lebron Medina
- *Refining Pulsar Timing Through Physically Motivated Dispersion Measure Models*, Mercedes Thompson
- *The Lite Analysis of IPTA DR2*, Bjorn Larsen
- *NG15 Dataset: Interpretation of DM Variations*, Anala K S
- *NG15 Dataset: Searching for Interstellar Objects in Our Galaxy*, Lankeswar Dey
- *Piecewise Power Law (PPL) Reconstruction of the GW Spectrum Consistent with NG15*, Amit Bhoonah

Wednesday, April 16th

12:00 – 1:30 **Session on the Next PFC**
Speakers: Megan DeCesar and Sarah Vigeland

1:30 – 1:45 **Coffee Break**

1:45 – 2:45 **Strategic Planning and DSA-2000**
Chair: Jim Cordes

2:45 – 3:00 **Coffee Break**

3:00 – 4:00 **Discussion on Future-Funding Scenarios**
Speakers: Tony Beasley, Joe Lazio, Maura McLaughlin

4:00 – 5:00 **Professional Development Session on Mentoring**
Chair: Margaret Mattson

Thursday, April 17th (*Optional*)

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| 12:00 – 2:00 | Working Group Session on Cyber-Infrastructure Needs for the Next PFC
Coordinated by: Cyber-Infrastructure WG |
| 2:00 – 2:30 | Coffee Break |
| 2:30 – 4:30 | Working Group Session on the NG20 Data Set
Coordinated by: Timing Working Group, Noise Budget Working Group, and Detection Working Group |

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