

NANOGrAV 2016 Meeting Schedule

(Draft 2.0)

Wednesday

Dedicated to Timing, Instruments and Noise.

Morning Sessions: Hameetman Auditorium, Cahill

Afternoon Sessions: Keck Center

Session 0:

8:30 - 8:40 Welcome and Logistics (LOC, SOC); State of NANOGrav (Siemens)

Session 1:

8:40 - 10:00 Timing

Chair: Michael Lam

8:40 - 8:50 Timing Group Update (Nice)

8:55 - 9:10 NANOGrav 11-year data set (Demorest)

9:15 - 9:25 High-Precision gamma-ray Timing via MCMC (Ransom)

9:30 - 9:40 Long-term pulse profile stability in NANOGrav MSPs (Brook)

9:45 - 9:55 New Update From Pint (Luo)

Coffee Break

10:00 - 10:15

Session 2:

10:15 - 11:40 Instrumentation & Noise

Chair: Megan Jones

10:15 - 10:30 The Murchison Widefield Array (Kaplan)

10:35 - 10:45 Low Frequency Observations of MSPs with the LWA (Stovall)

10:50 - 11:00 Pulsar Timing With the Deep Space Network (Majid)

11:05 - 11:15 Polarization Calibration of the Arecibo Dataset (Gentile)

11:20 - 11:30 Breakthrough Listen at the GBT (Croft)

11:30 - 11:40 How much ISM noise is present in our data? (Stinebring)

Lunch

11:40 - 1:00

Session 3:

1:00 - 3:00 Break out Session # 1 (Keck Center)

1:00 - 2:00 Timing - Think Center (Keck Center)
Astrophysics - Black Hole (Tolman-Bacher House)
2:00 - 3:00 Timing - Think Center (Keck Center)
Detection - Black Hole (Tolman-Bacher House)

Coffee Break

3:00 - 3:30

Mental Health Seminar: the 100 hour work-week and other myths of success

3:30 - 5:00

Thursday

Dedicated to Gravitational Wave Sources, Modelling, and Outreach

Morning Sessions: Hameetman Auditorium, Cahill

Afternoon Sessions: Keck Center

Session 1:

9:00 - 10:00 Gravitational Wave Sources and Modeling

Chair: Joe Simon

9:00 - 9:10 TBD (Burke-Spolaor)
9:15 - 9:25 Carrying the physics of black-hole binary evolution into gravitational-wave models for pulsar-timing arrays (Taylor)
9:30 - 9:40 When do anisotropic searches 'win'? (Sampson)
9:45 - 9:55 Measuring the Red Noise Model in the NANOGrav Nine-Year Data Set (Lam)

Coffee Break

10:00 - 10:15

Session 2:

10:15 - 11:35 Gravitational Wave Sources and Modeling, Outreach and Evaluations

Chair: Thankful Cromartie

10:15 - 10:25 Probing Galaxy Evolution Parameters with PTA Observations (Simon)
10:30 - 11:00 MBH Mergers and GWs from the Illustris Cosmological Hydrodynamic Simulations (Kelley; invited talk)
11:05 - 11:15 Update from the ARCC program (Jenet)
11:15 - 11:20 The Pulsar Search Collaboratory (McLaughlin)

11:20 - 11:30 Talk on Evaluation findings (Martone)

Lunch

11:30 - 12:45

Session 3:

12:45 - 2:45 Break out Session # 2 (Keck Center)

12:45- 1:45	IMM/Noise budget - Think Tank (Keck Center)
	Outreach - Black Hole (Tolman-Bacher House)
1:45 - 2:45	Detection (protocols) - Think Tank (Keck Center)
	Cyber I - Black Hole (Tolman-Bacher House)

Coffee Break

2:45 - 3:00

Diversity Session: Understanding Identity and Unconscious Bias

Presentation by Erin-Kate Escobar of the Caltech Center for Diversity
(Keck Center)

3:00-4:30

Fred Lo: Looking back on NANOGrav

Andrea Lommen introduces Fred Lo
(Keck Center)

4:30-5:00

6.30pm Conference Dinner

Bar Celona, <http://www.barcelonapasadena.com> Old Town, Pasadena
Informal honoring of Fred Lo

Friday

Dedicated to Gravitational Wave Detection, Protocols and International Collaboration

Morning Sessions: Hameetman Auditorium, Cahill

Afternoon Sessions: Cahill meeting rooms

Session 0:

8:30 - 8:45 Detection Working Group update (Ellis)

Session 1:

8:50 - 10:25 Gravitational Wave Detection and Protocols

Chair: Kristina Islo

8:50 - 9:05 NANOGrav 9yr GWB anisotropy update (Mingarelli)
9:10 - 9:25 NANOGrav 9yr continuous wave update (Ellis)
9:30 - 9:45 Scaling Laws and Time to Detection for a Broken-Power-Law Stochastic
 Background (Vigeland)
9:50 - 10:05 Towards solving the pulsar timing sampling problem (van Haasteren)
10:10-10:25 The Bridge: New Features (Lommen)

Depart for Sarah Burke-Spolaor's LIGO talk or Additional WG time

10:30am Hilton Hotel
11:00am Sarah's talk
11:30am Depart for Caltech

Session 2: LIGO detection talk with pizza lunch (Jonah Kanner)

12:15 - 1:15 Hameetman Auditorium, Cahill

Session 3: BWM Discussion

1:15 - 2:00, Chair: Dusty Madison and Justin Ellis

Coffee Break:

2:00 - 2:30 pm

Session 4: The IPTA and NANOGrav

2:30 - 3:30 pm Chair: Maura McLaughlin

Session 5: Future Direction of NANOGrav -- thoughts on comments from Fred Lo

3:45 - 4:45 pm Chair: Xavi Siemens, Andrea Lommen; Hameetman Auditorium

Closing Remarks

4:45 - 5:00pm