
DAY 1, 19 Oct 2015.

Session 0:

08:40 - 09:00

Welcome & Logistics (LOC) ; The State of NANOGrav (Siemens)

Session 1:

09:00 - 10:30

Chair: D. Madison

Rapid-fire Working group updates (6min slots)

<i>GW Astrophysics</i>	Chiara Mingarelli
<i>Cyber Infrastructure</i>	Rob Ferdman
<i>Detection</i>	Justin Ellis
<i>Education & Outreach</i>	Ryan Lynch
<i>IMM</i>	Dan Stinebring
<i>Noise budget</i>	Jim Cordes
<i>Searching</i>	Joe Swiggum
<i>Timing</i>	David Nice

Working Group PFC Milestones Discussion (40min)

Led by Xavi Siemens

Session 2:

10:45 - 12:15

Break-out session #1

Timing (Bell Room): *The next data release (prep for Tuesday discussion)*

Education & Outreach (MSI conference room): *SPOT talks and misc.*

Detection+Astrophysics (Board Room): *Strategies to incorporate/recover galaxy and black-hole properties*

LUNCH @ McGill Space Institute

12:15 - 14:00

Session 3:

14:00 - 15:45

Chair: N. Cornish

Misc. Science Talks (10min slots except where noted)

Elinore Roebber	<i>Cosmic variance in the stochastic GWB (15min)</i>
Sarah Henderson	<i>An Analysis of Mode Switching in PSR J0332+5434</i>
Caitlin Rose	<i>UHE Cosmic Rays and the Search for Their Origin</i>
Shriharsh Tendulkar	<i>CHIME Update</i>
Pete Gentile	<i>Polarimetric Calibration of the Arecibo Dataset</i>

DISCUSSION: What GWB turn-overs mean for NANOGrav (45min)

Speakers followed by discussion (~10 minute talks + one question):

Justin Ellis, *"9-year GWB limit synopsis in brief"*

Sean McWilliams, *"Low-frequency turnovers: why worry?"*

Steve Taylor, *"Revisiting scaling laws and time-to-detection projections"*

Session 4:

16:00 - 17:00

Chair: V. Kaspi

Diversity and Harassment scenarios

DAY 2, 20 Oct 2015.

Session 1:

09:00 - 10:30

Chair: A. Lommen

Misc. Science Talks (10min slots)

Dusty Madison	<i>Applying the A+A× methods to PPTA data</i>
Justin Ellis	<i>Trans-dimensional signal modeling in PTA data</i>
Laura Sampson	<i>Investigating GW detection strategies and confidence</i>
Kristina Islo	<i>Gravitational Wave memory source populations</i>
Chiara Mingarelli	<i>NANOGrav 9y anisotropic stochastic background search</i>
Michele Vallisneri	<i>Prospects/issues in scaling searches to IPTA datasets</i>

Demonstrations (~30min)

Lam, Romano, et al.	<i>Metronome demo</i> (5-7 mins)
Lam+Chatterjee	<i>Quicklook</i> (5-7 mins)
Andrea Lommen	<i>The Bridge web portal</i> (5-7 mins)
Rob Ferdman	<i>Data/visualization tools</i> + brief discussion (9 mins)

Session 2:

10:45 - 12:15

Break-out session #2

Interstellar Medium Mitigation (Board Room): TBD

Noise Budget (Bell Room): TBD

Astrophysics (MSI Conference Room): *Considering galaxy environments driving binary eccentricity*

LUNCH @ McGill Space Institute

******12:15 - 13:30**** Please clear out of lunch hall by 13:30**

Session 3:

14:00 - 15:30

Chair: D. Stinebring

Misc. Science Talks (10min slots)

Emanuel Fonseca	<i>Shapiro delay measurements in the 9yr data</i>
Cherry Ng	<i>Archival data & revisions of the Strong Equivalence Principle test</i>
Joe Swiggum	<i>Flux density distributions of NANOGrav pulsars</i>

DISCUSSION: How to Improve Our Overall Timing Results (60min)

A plenary discussion with contributions from Timing, Detection, Noise Budget, and the IMM working groups.

Session 4:

15:45 - 17:00

DISCUSSION: Current and Next data release (45min)

Moderated discussion led by Ingrid Stairs and David Nice

“Free work time”/Ad hoc break-out session (30min)

DAY 3, 21 Oct 2015.

Session 1:

09:00 - 10:30

Break-out session #3

Detection+Timing (Bell Room): *Using wide-band timing in GW analysis*

Cyber Infrastructure (Board Room): TBD

Other / Free work time (MSI Conference Room)

Session 2:

10:45 - 12:30

Chair: I. Stairs

Misc. Science Talks (10min slots)

Megan Jones *9yr Data: Measurement and Interpretation of DM Variations*

Michael Lam *Seeking the cause of DM variations*

Luo Jing *PINT(PINT is not tempo)*

Fredrick Jenet *The ARCC Program*

Fronney Crawford *ARCC at F&M*

DISCUSSION: Funding & Telescopes (40 minutes)

Xavi Siemens; *Current and future NANOGrav funding.*

Scott Ransom; *News on Arecibo, the GBT, and the (ng)VLA.*

Jim Cordes; *FAST, MeerKAT, and their role in future PTA efforts.*

General Discussion.

Wrap-up talk, Xavi Siemens (10min)

THE END.
