

NANOGrav Collaboration Meeting, Fall 2013

F&M, 21-22 October 2013

Draft Agenda (v2.0, 20131014)

Day 1: Monday 21 Oct

- 0830 Welcome / Crash course "Intro to PTAs" Andrea Lommen (30 min)
- 0900 << Coffee >>
- 0915 NANOGrav Working Group status reports WG chairs (90 min)
- Overview Rick Jenet (10 min)
 - Timing David Nice (10 min)
 - Detection Xavier Siemens (10 min)
 - IMM Lina Levin (10 min)
 - Noise Budget Jim Cordes (10 min)
 - Searching Duncan Lorimer (10 min)
 - Astrophysics Sarah Burke Spolaor (10 min)
 - Discussion All
- 1045 << Break >>
- 1100 NANOGrav WG status reports, continued WG chairs (90 min)
- Cyber Infrastruct. Rob Ferdman (20 min, demo)
 - E/PO Ryan Lynch (20 min)
 - Proposals Xavi, Maura (20 min)
 - Intl Engagement Andrea Lommen (10 min)
 - By-Laws Rick Jenet (15 min)
 - Discussion All
- 1230 << Lunch >>
- 1400 Focus Topics (60 min)
- "CW Searches and Periodicities in Timing data" Justin Ellis (15+5 min)
 - "Pulsar Searches and MSP Detection Projections" Ryan Lynch (15+5 min)
 - "Evaluating NANOGrav" Lisa Kohne (15+5 min)
- 1530 << Coffee >>
- 1545 Working Group parallel sessions (60 min)
- Session A: Detection WG
 - Q: Figures of merit; status of CW and BWM searches.
 - Session B: Timing WG
 - Q: 2013 NANOGrav data release.
- 1645 << Break >>
- 1700 Working Group parallel sessions (60 min)
- Session A: Detection, NB, IMM, Timing WGs
 - Q: Timing noise models; astrophysical + instrumental effects.
 - Q: Periodicities in timing data.

Session B: Pulsar Search WG

Q: Optimizing search strategies; future searches; follow-up for PTA addn.

1800 << End and Dinner: Lommen residence >>

Day 2: Tuesday 22 Oct

(0800 MT-only Executive session: Milestone review) (60 min)

0845 << Coffee >>

0900 Focus Topics (60 min)

"With a little help from my friends: S. Burke Spolaor (15+5 min)
GW sensitivity and parameter estimation improvements from EM observations"
"Recent Noteworthy Pulsar Timing Results" David Nice (15+5 min)
"Cyclic Spectroscopy Status and Prospects" Glenn Jones (15+5 min)

1000 << Break >>

1015 Working Group parallel sessions (60 min)

Session A: Astrophysics, Detection WGs

Q: Interpreting CW and BWM results.

Session B: Timing WG, Policy

Q: 2013 NANOGrav data release; IPTA data sets.

1115 << Break >>

1130 Working Group parallel sessions (90 min)

Session A: E/PO WG

Q: Public outreach and MARIE volunteers (Ryan)

Session B: Strategic Directions

Q: Proposals and funding opportunities (Jim, Xavi, Maura, et al.)

1300 << Lunch >>

1430 Focus session: J1713+0747 Global Campaign (90 min)

Data products Tim Dolch, Michael Lam

Ongoing analysis: Timing, IMM, NB, Detection WGs

Q: Optimal TOA estimation with DM and pulse shape variations
(jitter, mode changes?, scattering).

Q: Noise budget variance assessment: different contributions.

1615 << Coffee >>

1630 Colloquium: Jose Martinez (60 min)

"The Arecibo Remote Command Center Program"

1730 Wrap up: Summary, Milestone review and To Do items, Next meeting (60 min)

1830 << Formal sessions end >>