

GBT2013 SOC Notes

From NANOGrav Wiki

Rough draft of 2013 GBT meeting schedule.

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Agenda

Weds, May 22:

- 8:30am: introduction, logistics (Karen O'Neil, Dan Stinebring)
- 8:45am: working-group introductions (**plenary**, 6 x 12 mins)
 - Timing (David Nice)
 - Detection (Xavi Siemens)
 - Noise Budget (Jim Cordes)
 - Interstellar Medium Mitigation (Dan Stinebring)
 - Data sharing/database (Rob Ferdman)
 - Astrophysics (Sarah Burke-Spolaor)
- 10:00am: coffee break
- 10:30am: WG introductions, continued (2 x 15 mins)
 - International engagement/study abroad (Andrea Lommen, connecting remotely)
 - Outreach/website (Ryan Lynch)
- 11:00am: **plenary presentations**
 - Update on SMBH merger rates (15 + 5 mins, Sean McWilliams)
 - Update on realtime cyclic spectroscopy (15 + 5 mins, Glenn Jones)
 - Things to think about: outlook and prospects for funding (Jim Cordes 15 + 5 mins)
- 12:00pm: lunch
- 1:30pm: parallel sessions (see below); 4-5pm **student meet and greet** (Ryan Lynch organizing)
- 3:30pm-4pm: coffee break
- 4:00pm: parallel sessions, continued
- 5:00pm: **plenary lecture** by Jay Lockman (45 mins + discussion)
- 6:00pm: adjourned

Thurs, May 23:

- 8:30am: **plenary presentations**
 - CHIME overview and recap (15 + 5 mins, Paul Demorest)
 - The NICER X-ray timing mission (15 + 5 mins, Zaven Arzoumanian)
 - Pulsar moding/bistability (15 + 5 mins, Joanna Rankin)
- 9:00am: lightning talks by junior researchers I (**plenary**, 30 mins):
 - Kevin Stovall "The Long Wavelength Array and MSPs"
 - Joe Swiggum "A Population PDF for MSPs in the Milky Way"
 - Emmanuel Fonseca "Relativistic Precession and System Geometry in PSR B1534+12"
 - Sarah Vigeland "Bayesian estimation of pulsar timing parameters"
- 10:00am: coffee break
- 10:30am: morning parallel sessions
- 12:00pm: lunch
- 1:30pm: afternoon parallel sessions; 3:30-5pm **student career panel** (Ryan Lynch organizing)
- 3:30pm-4pm: coffee break
- 4:00pm: parallel sessions, continued
- 5:00pm: lightning talks II (**plenary**, 60 mins)
 - Michael Koop "Optimizing our PTA"
 - Brian Christy "A Bayesian search for GW Bursts: Status Update"
 - WeiWei Zhu "An image pattern based AI for searching pulsar"
 - Nipuni Palliyaguru "Polarization properties of J1713+0747 single pulses"
 - Yan Wang "Modified F-statistic for the continuous wave search"
 - Jing Luo "New progress on New Pulsar Timing Data Simulator"
 - Joey Martinez "ARCC Scholars Program Overview"
- 6:00pm: adjourned
- 6:30pm: conference dinner onsite (can't be late!)

Fri, May 24:

- 8:30am: **plenary presentations**
 - Status of the online database (15 + 5 mins, Rob Ferdman)
 - NANOGrav timing of 1713+0747 (15 + 5 mins, Weiwei Zhu)
 - Wideband observations (15 + 5 mins, Tim Pennucci)
 - Significance of cyclic spectroscopy for planning observations (20 + 10 mins, Dan Stinebring/David Nice)
- 10:00am: coffee break
- 10:30am: morning parallel sessions
- 12:00pm: lunch
- 1:30pm: afternoon parallel sessions
- 3:30pm: **plenary panel** (w/coffee): "The future of radio astronomy, GBT, and NANOGrav: highlights and challenges" (Karen O'Neil, Xavi Siemens, Joe Lazio: 1 hour)
- 4:30pm: adjourned, travel to airport or back to Charlottesville

Working Group Meetings

(durations include breaks: stick to this schedule to avoid room problems)

	W 1:30-5	T 10:30-12	T 1:30-5	F 10:30-12	F 1:30-3:30
timing	3.5 hrs	1.5 hrs (w/detection)	3.5 hrs	1.5 hrs (w/IMM)	2 hrs
detection	3.5 hrs				2 hrs
noise budget			3.5 hrs		
IMM	2.5 hrs		2.5 hrs		2 hrs
outreach		1.5 hrs			
database				1.5 hrs	
astrophysics	1 hr (4-5pm)			1.5 hrs	

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