



Winter NANOGrav Meeting
February 5 – 7, 2014 Arecibo Observatory

Wednesday February 5

- 08:30: Welcome and current overview of NANOGrav – Rick Jenet
- 08:45: Welcome to new members
- 09:00: An introduction/refresher course on gravitational waves – Richard Price
- 09:45: Discussion: question and answer session for Richard

- 10:15: Coffee

- 10:45: Latest news from PIRE Evaluation – Lisa Kohne
- 11:00: Brief updates from working groups
- 12:00: From galaxy maps to continuous GW sources – Chiara Mingarelli

- 12:30: Lunch

- 13:30: Addressing challenges in PTA data analysis: anisotropic backgrounds, isolated sources and computational cost – Neil Cornish
- 14:00: Predicting the stochastic signal from SMBHs - Sean McWilliams
- 14:30: PINT Demo - Paul Demorest/Scott Ransom

- 15:00: Coffee

- 15:00: Seeing Gravity and the Universe (public talk in Spanish) – Emmanuel Fonseca – Visitor's Center
- 15:30: Breakout time for Astrophysics group, Search group, and Timing group

- 17:30: Dinner

Thursday February 6

- 09:00: NANOGrav instrumentation - Scott Ransom
- 09:45: Discussion about future instrumentation to be led by Scott
- 10:30 – 12:00: Tour of the Observatory led by Fernando Camilo

- 10:30: Coffee

- 11:00: Global J1713+0737 timing campaign update – Tim Dolch and Michael Lam
- 11:30: Discussion about future funding – Maura McLaughlin

12:30: Lunch

13:30: Monitoring interstellar scattering delays in the NANOGrav timing data - Lina Levin

14:00: NANOGrav limits on continuous GWs from supermassive black hole binaries

14:30: Cyclic spectroscopy simulations – Nipuni Pallyaguru

14:45: Emission and rotation variations of MSPs – Paul Brook

15:00: Breakout group time (coffee available)

Brainstorming ideas for student week in Banff – Ryan Lynch

18:00: Conference Dinner (by the pool)

Friday February 7

09:00: Recent MSP observations with LWA – Kevin Stovall

09:15: Modified F Statistic – Jan Wang

09:30: Core emission: dominant in faster "normal" pulsars; what about MSPs? – Joanna Rankin

10:00: Characterizing the timing noise of NANOGrav pulsars – Emma Handzo

10:15: Coffee

10:45: Summary of working group discussions

11:30: Time for regrouping, recapping and discussions about future plans

12:00: Completion of evaluation forms

12:30: Lunch and meeting adjourn