

Daily Schedule, The Era of Binary Supermassive Black Holes: Coordination of Nanohertz-Frequency Gravitational-Wave Follow-up

All events take place in ACP auditorium unless otherwise noted.

	2/2 SUNDAY	2/3 MONDAY	2/4 TUESDAY	2/5 WEDNESDAY	2/6 THURSDAY	2/7 FRIDAY					
8:30 AM	until	Focus Session 1: The Current and Future State of CWs with PTAs Chair: Sarah Burke-Spolaor (10 minutes) Opening remarks, S. Burke-Spolaor (25+5) Keynote, Sarah Vigeland: Current status and upcoming directions of PTAs (25+5) Keynote, Caitlin Witt: Detection of Supermassive Black Hole Binaries with Pulsar Timing Arrays (12+3) Nikita Aggarwal: Targeted Continuous-Wave Searches with NANOGrav (12+3) Pratyasha Gilika: Anisotropy Searches with MeerKAT (10) Q&A and Introduction to evening panel discussions. Request for topics. Solicit questions for Wednesday.	8:30 AM	Focus Session 3: Theory and Observational Interplay I: Theory Chair: Jillian Bellovary (25+5 minutes) Keynote, Cole Miller: An Overview of Everything (In Theory) (15+5) Keynote, Dan D'Orazio: Overview of Circumbinary Disks (15+5) Keynote, John Ruan: Large-scale galaxy signatures/dynamics (~10) Discussion (moderator: Jillian Bellovary): Open questions (~25) Lightning Session #2	8:30 AM	Focus Session 5: MBHB MMA and multi-band GW with future observatories. Chair: Matthew Graham (25+5) Keynote, Vikram Ravi: Summary of future MBHB observing (12+3) Polina Petrov: Demographics of SMBHB Host Galaxies (12+3) Julie Malewicz: Prospects for X-ray/PTA MMA (12+3) Nathan Steinkle: PTA Implications for LISA/Multi-band GWs (12+3) Charlotte Ward – Joint modeling of LSST imaging and surveys (12+3) Kris Pardo (cool astrometric GW experiment ideas, may feed into future directions of observatories)	8:30 AM	Focus Session 6: Cyber-Infrastructure for PTA/MBHB Science Chair: Gautham Narayan (25+5) Keynote, Rachel Street: MMA Cyber-I Tools (20+5) Keynote, Sukanta Bose: Lessons learned from LIGO Discussion/Panel: How will this look for SMBH Binary Identification? (Including R. Street, S. Bose, A. Brazier, M. Graham)	8:30 AM	Focus Session 8: Project work / "Detection checklist" for MMA science Chair: Chiara Mingarelli (25+5) Keynote, Suvi Gezari: Predictions and a Straw-Man Roadmap for the Next Decade (subtitle: Stirring the Pot) (75) Discussion/Panel: Planning Projects and Building a CW Follow-up Roadmap.	
10:15 AM			Morning Break (coffee+pastries)	10:15 - 10:45	Morning Break (coffee+pastries)	10:15 - 10:45	Morning Break (coffee+pastries)	10:15 - 10:45	Morning Break (coffee+pastries)	10:15 - 10:45	Morning Break (coffee+pastries)
10:45 AM		until	Focus Session 2: PTAs + MBH Binary Populations Chair: Tamara Bogdanovic (25+5) Keynote, Luke Kelley: What the GWB has told us about MBH populations (12+3) Laura Blecha: Constraining pops with galactic/cosmological simulations (12+3) Anna-Malin Lemke: Anisotropies from SMBHBs (~30 minutes) Poster lightning session #1	10:45 AM	Focus Session 4: Theory and Observational Interplay II: Observations Chair: Charlotte Ward (25+5) Keynote, Jessie Runnoe: Overview of "wide binaries" (25+5) Keynote, Krista Lynne Smith: Overview of "tight binaries" (45) Discussion session: Ambiguities that make life difficult Panel: Jessie Runnoe, Krista Lynne Smith, Cole Miller, Dan D'Orazio, John Ruan. Moderators: Charlotte Ward and Jillian Bellovary	10:45 AM	Frequently Asked Questions Common Misconceptions and Mega Q&A Chair: Jeff Hazboun Questions will be solicited from attendees on Monday morning. Questions will be sorted and given to "on call" experts to answer.	10:45 AM	Focus Session 7: What MMA coordination do we want/need? Chair: Kayhan Gültekin (12+3) Anna Kyvernitaki-Synani: Radio binaries and searches with OVRO (12+3) Alberto Diaz Hernandez: Spectral characterization of AGN lightcurves (12+3) Scott Noble: Predictions from Simulations: Influence of Binary Separation and Disk Thermodynamics on Signatures (12+3) Jeremy Schnittman: Variable X-ray Signals from MBH Binaries (12+3) Ryan Pfeifle: BIGMAC dual/binary/recoil catalog (12+3) Tingting Liu: Swift/LCO Reverberation Mapping of 1302+102 (12+3) Niana Mohammed: A MBH Binary Candidate from Spectral Variability (12+3) Magda Siwek: Signatures of CBD dynamics in MBHB populations	10:45 AM	Hands-on Planning Discussion. Chair: Chiara Mingarelli Block Prize Award. Project work finalization: This time will be used to put pen to paper for new projects, agreements, plans discussed at the meeting.
12:30 PM			Afternoon break	12:30 PM	Afternoon break	12:30 PM	Afternoon break	12:30 PM	Afternoon break	12:30 PM	Afternoon break
4:15 PM			Return and get settled! We will start RIGHT AT 4:30!	4:15 PM	Return and get settled! We will start RIGHT AT 4:30!	4:15 PM	Return and get settled! We will start RIGHT AT 4:30!	4:15 PM	Return and get settled! We will start RIGHT AT 4:30!	4:15 PM	Return and get settled! We will start RIGHT AT 4:30!
4:30 PM	Welcome Reception Light fare, Drinks, Hang posters	Break-out Parallel Discussion Sessions	4:30 PM	Break-out Parallel Discussion Sessions	4:30 PM	Break-out Parallel Discussion Sessions	4:30 PM	Break-out Parallel Discussion Sessions	4:30 PM	Break-out Parallel Discussion Sessions	
5:00 PM		Evening Break (+ snacks)	5:00 PM	Summary/Action Items (Main Auditorium)	5:00 PM	Public Lecture Jillian Bellovary (Introduction by Feryal Özel)	5:00 PM	Evening Break (+ snacks)	5:00 PM	Summary/Action Items (Main Auditorium)	
6:00 PM		Summary/Action Items (Main Auditorium)	6:00 PM	ACP-hosted Dinner and Poster Session	6:00 PM	Conference Banquet at Aspen Meadows (attende funded by conference; ask organizers if you'd like to bring a guest)	6:00 PM	Summary/Action Items (Main Auditorium)	6:00 PM	Summary/Action Items (Main Auditorium)	
6:30 PM		6:30 PM	6:30 PM		6:30 PM		6:30 PM		6:30 PM		6:30 PM
7:00 PM		7:30-9:30 "Astronomy on tap" by Vivian U (hosted by Gautham Narayan). Meant for public but you're invited!	7:00 PM		7:00 PM		7:00 PM		7:00 PM	7:00 PM	
7:30 PM			7:30 PM		7:30 PM		7:30 PM		7:30 PM	7:30 PM	
8:00 PM			8:00 PM		8:00 PM		8:00 PM		8:00 PM	8:00 PM	