



Welcome to Pulsar Safari

IPTA 2026 STUDENT WEEK · SOUTH AFRICA

Local organising committee (LOC)



Marisa Geyer



Christo Venter



Melissa Largier



Sarah Buchner



Amanda Weltman



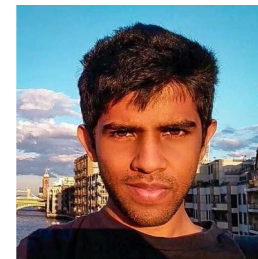
Abigail Thambiran



Jaikhomba Singha



Michael Sarkis



Venu Prayag



Atiqur Rahman



Dimakatso Maheso

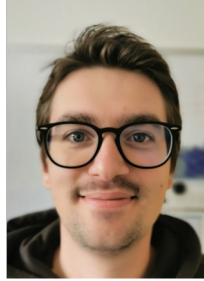


Monica Barnard

Student Week organising committee (SWOC)



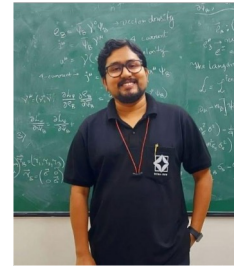
Anjana Ashok



Aurélien Chalumeau



Daniel Reardon



Debabrata Deb



Deborah Good



Hendrik Combrinck



K Nobleson



Kevin Wilson



Lydia Guertin



Natalia Lewandowska



Valentina di Marco



Prerna Rana

Time in SAST (UTC+2 hrs)	Day 1 - Pulsars and Timing	Day 2 - PTA noise modeling	Day 3 - PTA & GWB	Day 4 - Other GW sources	Day 5 - Multimessenger Astrophysics & more	Safari day
	June 15 - Monday	June 16 - Tuesday	June 17 - Wednesday	June 18 - Thursday	June 19 - Friday	June 20 - Saturday
8:45-9:00 AM	Introduction and plans					
9:00-9:45 AM	Introduction to Radio telescopes Daniel Reardon (in-person)	Introduction to Bayesian inference Bjorn Larsen (in-person)	Introduction to GWs and PTAs Sarah Vigeland (in-person)	Astrophysical interpretation of GWB Hippolyte JH Quelquejay-Leclere (online)	Multimessenger Astrophysics Caitlin Witt (in-person)	SAFARI at Bona Bona (all day)
9:45-10:30 AM	Introduction to Pulsars Marisa Geyer (in-person)		Introduction to GWB, HD curve & other GWs signal in PTAs Alberto Sesana (online)	Continous Waves & Burst signals in PTAs Boris Goncharov (online)	Introduction to GPTA Serena Valtolina (online)	
10:30-11:00 AM	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	
11:00-11:45 AM	Introduction to Pulsar Timing Mayuresh Surnis (online)	Introduction to Noise analysis in PTA Abhimanyu Susobhanan (in-person)	Tutorial on GWB search + Bonus activity Aurélien Chalumeau+ (hybrid)	Tutorial on CW search + Bonus activity Anjana Ashok (in-person)	Career panel discussion & more Valentina Di Marco+	
11:45 AM-12:30 PM	Tutorial on PSRCHIVE + Bonus activity Debabrata Deb+Hendrik Combrinck (in-person)	Introduction and tutorial on SPNA with DISCOVERY + Bonus activity Daniel Reardon (in-person)				
12:30-1:15 PM			Practice time	Practice time		
1:15-2:30 PM	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break	
2:30-3:15 PM	Tutorial on timing with PINT & TEMPO2 + Bonus activity Deborah Good+Prerna Rana (in-person)	Tutorial on SPNA with ENTERPRISE + Bonus activity Valentina Di Marco (in-person), Aurélien Chalumeau (online), Nobleson (online)	Introduction to IPTA Joris Verbiest (online)	New physics in PTAs Kai Schmitz (online)	Flash presentations by participants	
3:15-4:00 PM			Advertising mini-projects Lydia Guertin (in-person)	Practice time	Flash presentations by participants	
4:00-4:30 PM	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	Coffee/Tea break	
4:30-5:30 PM	Practice time	Practice time	Practice time	Practice time	End of the workshop	
Lecture						
Lecture+Tutorial		Braai organised by LOC (in the evening)				
Tutorial						
Practice time						
Other						