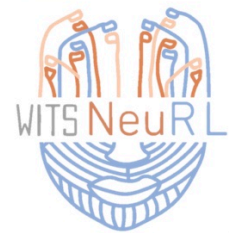


South African Brainhack 2024

When: 22 - 26 October 2024
Where: Wits Rural Campus, Limpopo,
South Africa

Innovation from Africa, for the world



South African Brainhack 2024

Program

Tuesday 22nd October

12-6 p.m.	Arrivals
6-9 p.m.	Group dinner

Wednesday 23rd October

Historical & current landscape of neuroscience research in the Global South

7-9 a.m.	Breakfast		
9-9:15 a.m.	Welcome & overview	Sahba Besharati	Wits University, South Africa
	Session chair	Aline Ferreira-Correia	Wits University, South Africa
9:15-9:45 a.m.	Launching MRI research in South Africa: a 15-year journey	Ernesta Meintjie	CUBIC, University of Cape Town (UCT), South Africa
9:45-10:15 a.m.	From self to social awareness: Doing cognitive neuroscience research in a developing country	Daniel Mograbi	Pontifícia Universidade Católica do Rio de Janeiro, Brazil
10:20-11 a.m.	Project overview from teams		
11 a.m.-1 p.m.	Group project meetings & hacking		
1-2 p.m.	Lunch		
2-3:30 p.m.	Hacking		
3:30-6:30 p.m.	Personal time: Optional game drive in Kruger, swim or continue hacking		
7-9 p.m.	Dinner		

Thursday 24th October

Building capacity within an equitable neuroscience framework

5:50-9:30 a.m.	Optional game drive		
7-9:30 a.m.	Breakfast		
	Session chair	Benjamin Rosman	Wits University, South Africa
9:30-10 a.m.	Ecologically valid imaging & combined computational & imaging approaches	Guillaume Dumas	University of Montreal, Canada
10-10:30 a.m.	Experiences of building sustainable capacity in African neuroscience	Rachael Dangarembizi	UCT Neuroscience Institute, South Africa
10:30 a.m.-1 p.m.	Coffee & hacking		

1-2 p.m.	Lunch		
2-3:30 p.m.	Coffee & brainhack		
3:30-6:30 p.m.	Optional game drive in Kruger; swim time or continue hacking		
6:30-8 p.m.	Dinner		
8-9:30 p.m.	Fireside chat & neuroanatomy drawing	Oliver Turnbull	Bangor University, UK

Friday 25th October

Future methods in the brain sciences

5:50-9:30 a.m.	Option game drive		
7-9:30 a.m.	Breakfast		
	Speaker chair	Sahba Besharati	Wits University, South Africa
9:30-10 a.m.	Optical Neuroimaging Techniques to Study Hemodynamic Responses in Pediatric HIV: A Case for fNIRS Imaging in Developing Countries	Sizwe Zondo	Rhodes University, South Africa
10-10:30 a.m.	Emerging properties of the connected brain	Michel Thiebaut de Schotten	Institut des Maladies Neurodégénératives, France
10:30-1 p.m.	Coffee & hacking		
1-2 p.m.	Lunch		
	Session chair	Aline Ferreira-Correia	Wits University, South Africa
2-3:30 p.m.	Project feedback		
3:30-7 p.m.	Optional game drive in Kruger; swim time or project consolidation		
7-8:30 p.m.	Closing dinner		

Saturday 26th October

5:50-9:30 a.m.	Optional game drive
7-9:30 a.m.	Breakfast
9:30 a.m.	Check-out and departures

* game drives are to be paid for by the participants

Brainhacking teams

Submitted projects and applications to fall within the below groups for Brainhacking:

Methods

MRI & DTI Michel Thiebaut de Schotten

	Stephanie Forkel
	Valentine Pacella
EEG-ERP	Danielle hewitt
	Paolo Enrico
fNRS	Samantha Brooks
	Sizwe Zondo
Hyperscanning	Guillaume Dumas