

India Brain Connectivity (IBC) Workshop – ISNR 2025		
Venue: Board Room, 1st Floor, NIMHANS Convention Centre		
19th Feb 2025	IBC Day 0	
2:00-4:00	(optional) Installation trouble shooting, NIIR Board Room	IBC team

20th Feb 2025	IBC Day 1	Speaker
8:00-8:30	UNIX command line - a beginner's guide	IBC team
8:30-9:00	Fundamental aspects of fMRI (overview)	Paul Taylor
9:00-10:00	AFNI GUI Interactive: Visualizing your data, 1 (Hands-on)	Paul Taylor
10:00-11:15	FMRI - Single Subject processing [concepts and a bit of maths]	Paul Taylor
11:15-11:30	Tea/Coffee Break	
11:30-12:30	AFNI GUI Interactive: Visualizing your data, 2 (Hands-on)	Paul Taylor
12:30-1:30	MRI Spatial Alignment and Registration (Hands-on)	Paul Taylor
1:30-2:30	Lunch Break	
2:30-3:30	AFNI Functions and Syntax (Hands-on)	Bharath Holla
3:30-4:30	MRI Templates, atlases and ROIs (Hands-on)	Bharath Holla
4:30-5:30	Introduction to BIDS and FMRI - Acquisition QC (Hands-on)	Bharath Holla
05:30-00-	Tea/Coffee Break	

21st Feb 2025	IBC Day 2	
8:00-9:00	FMRI - Single Subject processing [Start-Middle] (Hands-on)	Paul Taylor
9:00-10:30	FMRI - Single Subject processing [Middle-Finish] (Hands-on)	Paul Taylor
10:30-10:45	Tea/Coffee Break	
10:45-11:45	FMRI - Data processing QC (Hands-on)	Paul Taylor
11:45-12:30	Connectome: Resting State & InstaCorr (Hands-on)	Paul Taylor
12:30-1:30	FMRI - Group Analysis and Results Reporting	Paul Taylor
1:30-2:15	Lunch Break	
2:15-3:30	Advanced fMRI analysis: Part I	Rajanikant Panda
3:30-4:30	Advanced fMRI analysis: Part II	Rajan Kashyap
4:30-4:45	Tea/Coffee Break	
4:45-5:30	Bring your own ideas/ data for consultation (Interactive sub-groups)	IBC team

22nd Feb 2025	IBC Day 3	
9:00-9:30	Intro to Diffusion metrics: FA and beyond	Paul Taylor
9:30-10:30	DTI Tractography	Paul Taylor
10:30-10:45	Tea/Coffee Break	
10:45-11:45	DTI Pre-processing (Hands-on)	Shweta Prasad
11:45-12:45	DTI QC and visualization (Hands-on)	Manoj Kumar
12:45-1:30	TBSS: Part I (Hands-on)	Shweta Prasad
1:30-2:30	Lunch Break	
2:30-3:30	TBSS: Part II (Hands-on)	Shweta Prasad
3:30-4:30	Connectome: DTI Tractography (Hands on)	Manoj Kumar
4:30-4:45	Tea/Coffee Break	
4:45-5:00	Workshop Closing	IBC team

IBC team: Bharath Holla, Shweta Prasad, Manoj Kumar, Rajan Kashyap, Sandhya M, Sujas Bhardwaj, Rajanikant Panda, Rose Dawn Bharath.