Alabama Advanced Imaging Consortium

15th Annual AAIC Imaging Retreat
Lake Martin 6993 SR-49, Dadeville, AL 36853
256-307-1400
https://creeksidelodgelakemartin.com

All sessions will be held in Creekside Lodge

FRIDAY, JULY 31, 2026

9:30 AM	**Arrival and Check-In**	
10:00 AM	**Opening Comments**	
10:15AM	**Intro to AI**	**Moderator: Tom Denney**
	Future of Neuroimaging in the Age of AI	**Mahmud Massa-Basha**
	Learning Algorithms	**Noorbakhsh Golilarz, UA**
11:15 AM	**Lunch**	
12:45 PM	**Session 1: When Not to Use AI to Analyze Your Data**	**Moderator: Virendra Mishra**
	AI: ~~Trust~~ but Verify	**Kristina Visscher**
	Rising Algorithms, Fading Theory: The Cost of Data-Driven	**Firat Soylu**
1:45 PM	**Break**	
	Session 2: AI vs Hypothesis Driven Analysis Debate	**Moderator: Firat Soylu**
2:00 PM	**Hypothesis Driven**	**Virendra Mishra**
	Data Driven	**Gopi Deshpande**
3:00 PM	**Break**	
3:15 PM	**Session 3: AI in Neuroscience**	**Moderator: Virendra Mishra**
	How to be a Neuroimaging Researcher in the Era of Artificial Intelligence	**Junghee Lee**
	AI-based brain network analysis for AD diagnosis	**Shuai Huang**
4:15 PM	**Session 4: Trainee Presentations**	**Moderator: Shuai Huang**
	Evaluating the Relationship between Sleep Quality, Neural Functioning, and Neurocognitive Performance in Youth Living with Sickle Cell Disease	**Ssrah Sant**
	A Spatiotemporal Framework for Temporal and Voxel Selection in fMRI Decoding	**Nguyen Phuoc**
	Microcurrent Neurofeedback and Attentional Processing of Drug-Related Cues During Substance Use Rehabilitation	**Garrett Kristianson**
	Intrinsic Network Connectivity and Psychiatric Comorbidities in Idiopathic Generalized Epilepsies	**Pelageia Tikhomirova**

Neuroimaging Center
THE UNIVERSITY OF ALABAMA College of Community Health Sciences
THE UNIVERSITY OF ALABAMA
Alabama Life Research Institute
Department of Psychological Sciences
UAB Psychology
UAB Civitan International Neuroimaging Lab
UAB PSYCHIATRY & BEHAVIORAL NEUROBIOLOGY
Alabama Advanced Imaging Consortium
UAB The University of Alabama at Birmingham
College of Arts and Sciences
USA UNIVERSITY OF SOUTH ALABAMA
UAB COMPREHENSIVE NEUROSCIENCE CENTER

5:15 PM	Dinner - Conference Room	
6 15 PM	Poster Session - Conference Room	
7:45 PM	Social - Creekside Lodge Lobby	

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SATURDAY, August 1

8:15 AM	Breakfast and Checkout	All hotel guests must check out by 11:00
9:30AM	Trends in Neuroscience I Neurocognitive Mechanisms of Social Approach-Avoidance Conflict Applying Correlational Tracking of Neuropsychological Test Performance to Understand Mechanisms of Cognition and Disease	Moderator: Shuai Huang Travis Evans, AU Ivan Campbell, USA
10:30 AM	Break	
10:40AM	Trends in Neuroscience II Toward Neurocognitive Intelligence in Neuroimaging: From Brain Signals to Cognition Multimodal AI and the Future of Neuroimaging	Moderator: Firat Soylu Noorbakhsh Golilarz. UA Noorbakhsh Golilarz & Jim Geyer, UA
11:40 AM	Closing Comments	
11:45 AM	Lunch and Adjourn	

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