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Dendritic Integration 2024

Tuesday, December 10th, 2024

11:00 am - 4:00 pm EST | 17:00 - 22:00 CET

Hosted by the **NeuroTechnology Center at Columbia University.**
Sponsored by the Collaborative Opportunities for Multidisciplinary, Bold, and Innovative Neuroscience **(COMBINE)** Program from the National Institute of Neurological Disorders and Stroke **(NINDS)**

US EST (UTC-5)	CET (UTC+1)	
11:00a - 11:10a	17:00 - 17:10	Rafael Yuste, Columbia University
11:10a - 11:15a	17:10 - 17:15	Cory Kelly & Karen David, National Institute of Neurological Disorders and Stroke

Dendritic Function

11:15a - 11:45a	17:15 - 17:45	Jackie Schiller, Technion - Israel Institute of Technology *Cell type dependent computations and learning in primary motor cortex*
11:45a - 12:15p	17:45 - 18:15	Na Ji, University of California Berkeley *Imaging dendritic activity at high spatiotemporal activity*
12:15p - 12:45p	18:15 - 18:45	Lucy Palmer, Melbourne University *The modulation of dendritic signaling during behaviour*
12:45p - 1:15p	18:45 - 19:15	***Panel Discussion*** Moderated by Jayeeta Basu, New York University
1:15p - 1:45p	19:15 - 19:45	*Break*

Circuit Function

1:45p - 2:15p	19:45 - 20:15	Bosiljka Tasic, Allen Institute *Cell types of adult mouse cortex*
2:15p - 2:45p	20:15 - 20:45	Moritz Helmstaedter, Max Planck Institute *The connectome of a cortical column: dendrites in circuit context*
2:45p - 3:15p	20:45 - 21:15	Adam Cohen, Harvard University *Dendritic nonlinearities: what are they for?*
3:15p - 3:45p	21:15 - 21:45	***Panel Discussion*** Moderated by Rafael Yuste, Columbia University
3:45p - 3:50p	21:45 - 21:50	Rafael Yuste, Columbia University