Presenter: Andrey Andreev, Prober lab

Title: Imaging of Neural Activity and Neurotransmitter Release in Zebrafish

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Abstract: Sleep is regulated by multiple circuits, conserved across species. We develop custom light-sheet microscopy and transgenic models to study neural activity and neurotransmitter release across the whole brain in larval zebrafish. Fusing these data would allow us to reconstruct finer details of sleep regulation.