Contribution ID: **205** Type: **Talk (preferred)**

Establishing the Bio-interface for Neural Electrophysiology with a Diamond Voltage Imaging Microscope

Wednesday 14 December 2022 12:00 (15 minutes)

I will present our recent results detailing the design and fabrication of a diamond-based optical voltage imaging platform, and our progress to date in realizing intracellular electrophysiological recordings of mammalian neurons using this new optoelectronic biosensor technology.

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