



Contribution ID: 389

Type: **Poster**

Printable Micron-Resolution Organic Photocapacitors for Neural Interfacing

Thursday 15 December 2022 18:30 (15 minutes)

In this abstract we detail a method of printing and testing a trichromatic organic photocapacitor for stimulating neurons via capacitive coupling. This work involves using a Sonoplot Microplotter II in conjunction with organic polymers dissolved in non-toxic solvents.

Authors: POSAR, Jessie Ann (University of Sydney); GRIFFITH, Matthew James; BRICHTA, Nathan Matthew

Presenter: BRICHTA, Nathan Matthew

Session Classification: Poster session

Track Classification: AIP Congress: AIP: Biomedical and Medical Physics