

## Planned Publications

1. Thomas J. Delaney, Michael C. Ashby, Cian O'Donnell, "Sensitivity of the spikes-to-fluorescence transform to calcium indicator and neuron properties." PLOS Computational Biology, to submit
2. Thomas J. Delaney, Cian O'Donnell, "Functional networks expand across anatomical boundaries as correlation time-scale increases." PLOS Computational Biology, to submit

## Conference Presentations

**Neural Coding, Computation, and Dynamics** Septebmer 2019. Capbreton, France.

Poster: Comparing functional clustering to anatomical distribution.

**CNS** July 2019. Barcelona, Spain.

Poster: Comparing functional clustering to anatomical distribution.

**UK Neural Computation** July 2019. Nottingham, England

Poster: Comparing functional clustering to anatomical distribution.

**COSYNE** March 2018. Denver, CO, USA.

Poster: Modelling fluorescent calcium indicator response to spike trains.

**BNA Festival of Neuroscience** April 2017. Birmingham, England.

Poster: Modelling fluorescent calcium indicator response to spike trains.