

CITE-On: Cell Identification and Trace Extraction Online

CITE-**ON** is a new tool for online and offline analysis of functional 2-photon calcium imaging of neurons

System Requirements

- Anaconda 4.6 or greather
- (Optional) NVIDIA GPU with CUDA 10.2

Installation

Clone this repository then install all required dependencies by creating a new environment with the provided env.yml

```
conda install -f env.yml
```

this will take care of the eventual GPU dependencies needed, then build cython dependencies

```
python setup.py build_ext --inplace
```

Usage

Check the provided notebooks to run through some use case scenarios, docstrings will be your friends!