

Takeaways



1. napari is a free, open-source, fast, *multidimensional* image viewer.
2. it's written in Python and works best within Python. It's most useful if you are already a Python user.
3. it lets you look at images, annotate them (segmentations, points, polygons, etc), and analyse them with plugins (400+!).
4. it's now maintained by a global community. They are friendly and you can get help at any hour of the night!

Talk outline

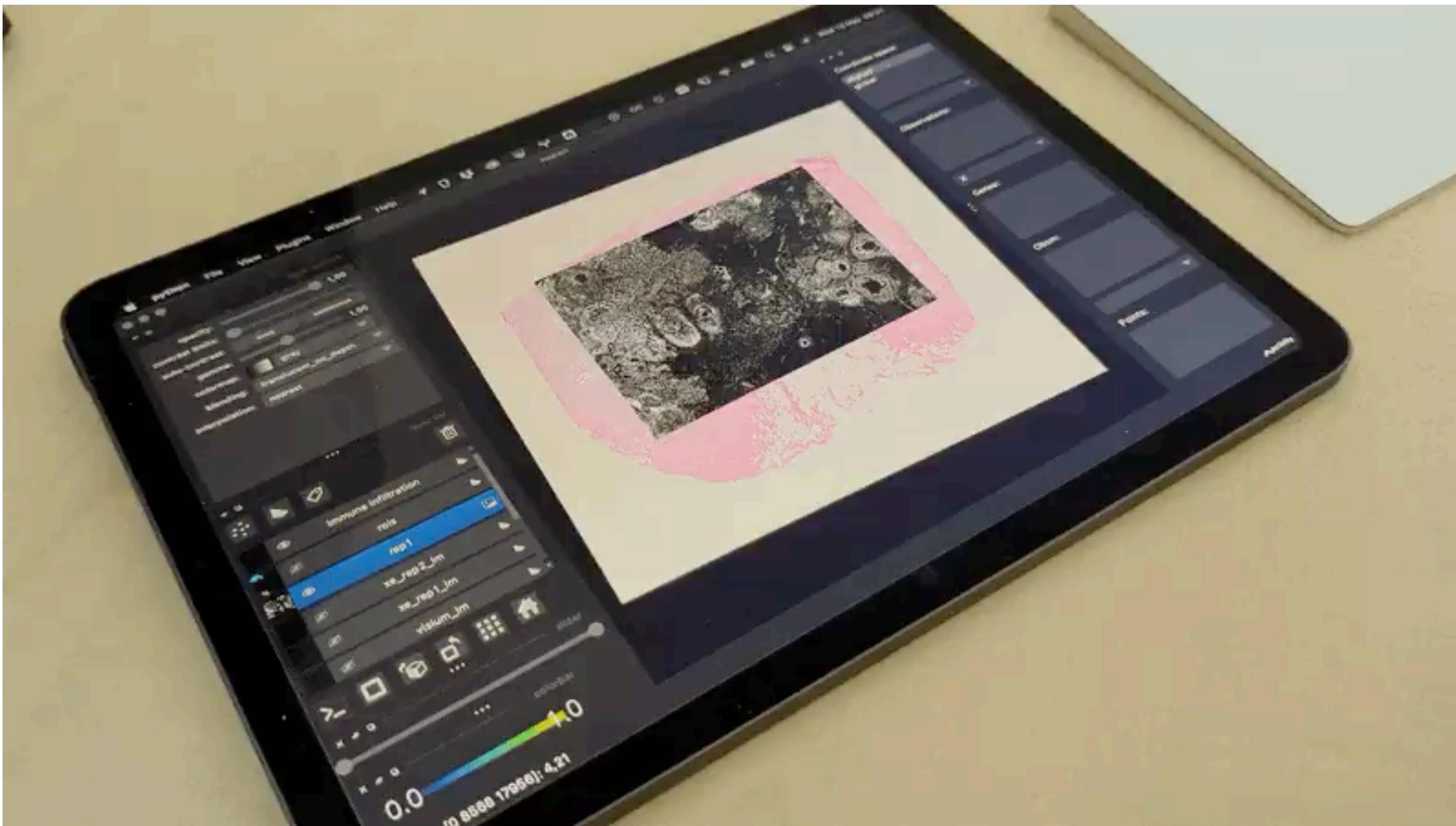


1. using napari to just *look* at images.
2. overlaying derived data (segmentations, point detections, etc.)
3. manually annotating / modifying derived data
4. tricks to work with big(ish) data
5. integrating with other scientific Python packages (pytorch, matplotlib, ...)
6. plugins
7. community, getting help, getting involved

live demos (😬)

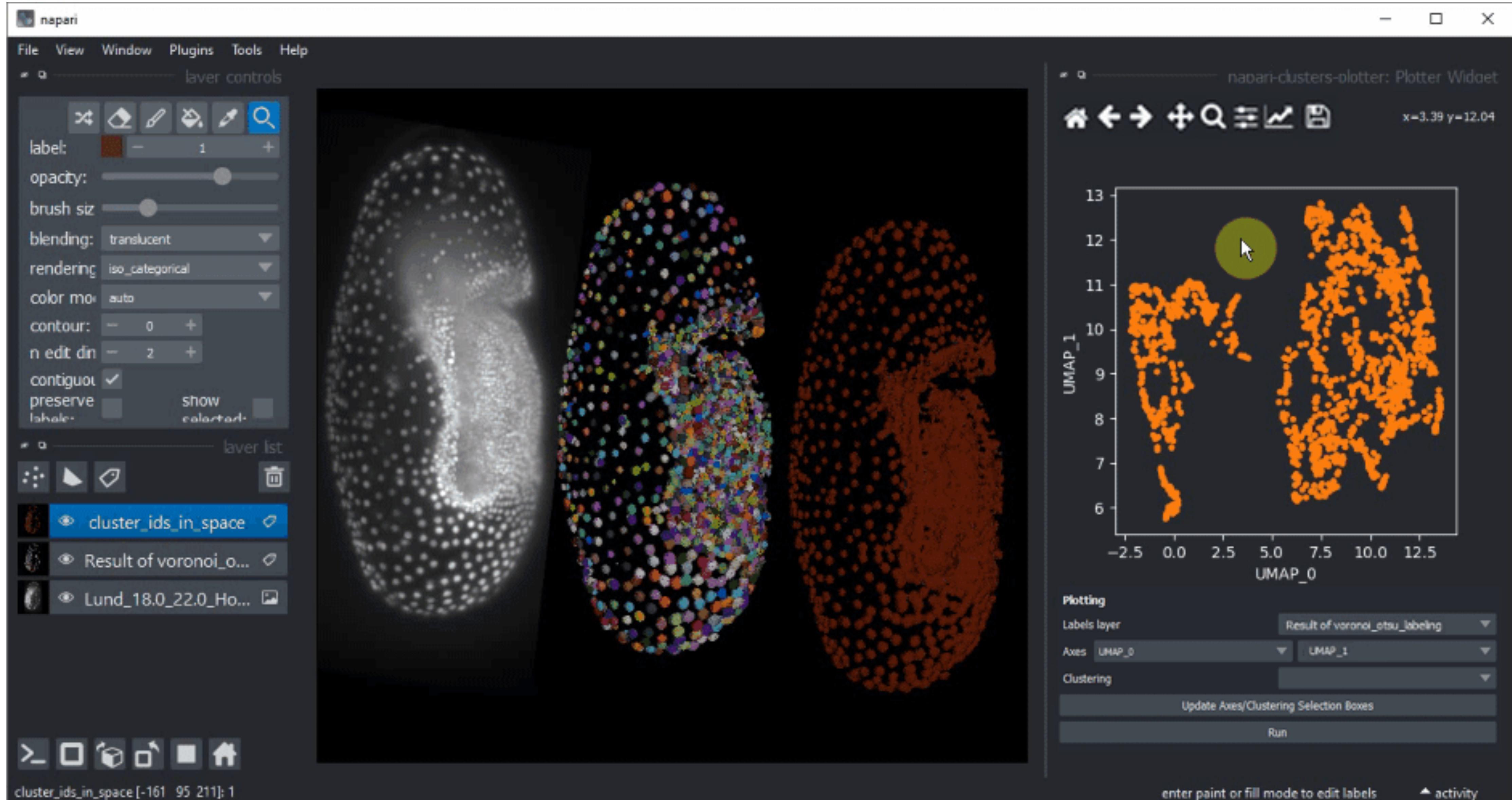
other plugins

(recorded 😅)



Wouter-Michiel Vierdag
& Luca Marconato

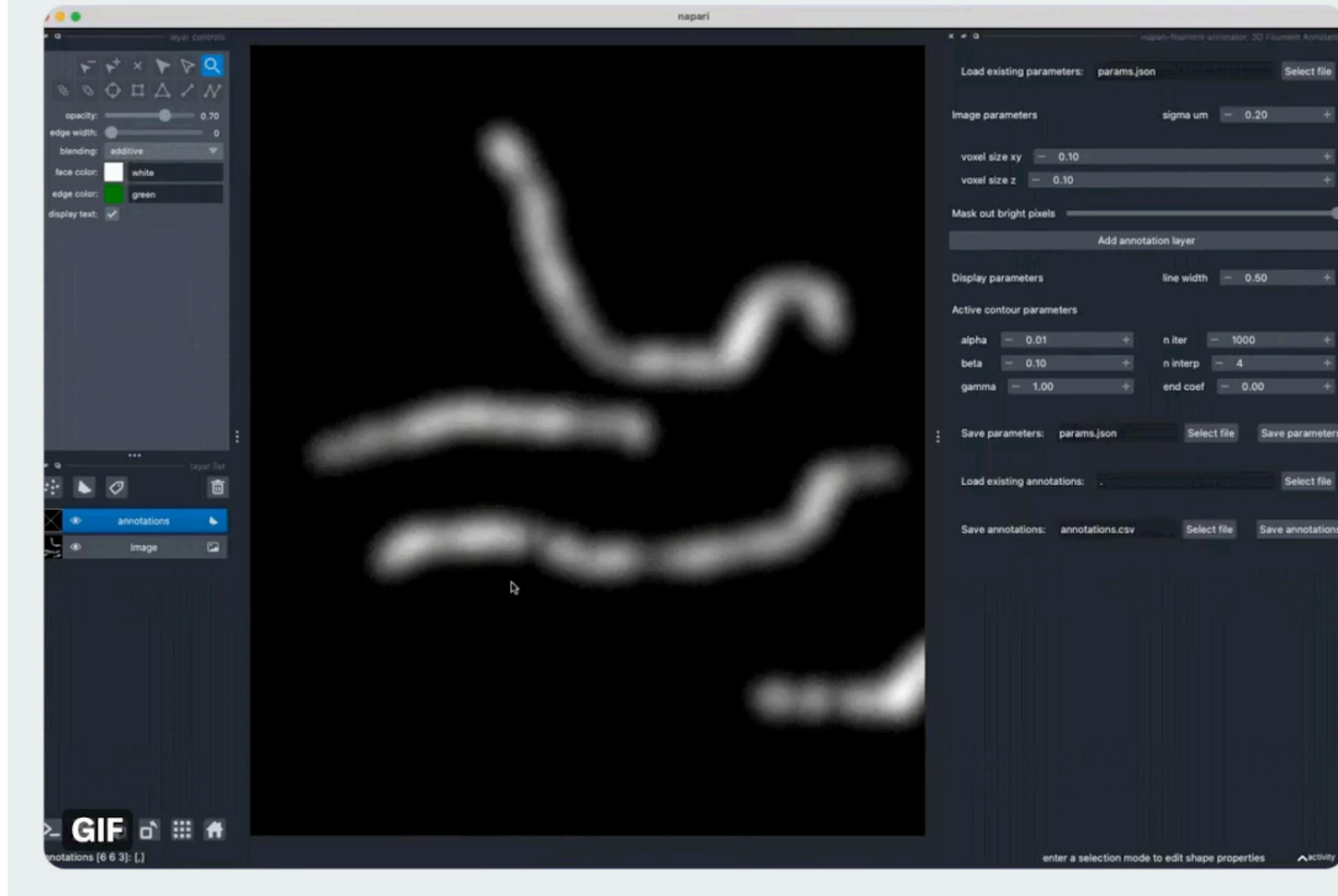
Extensibility with plugins

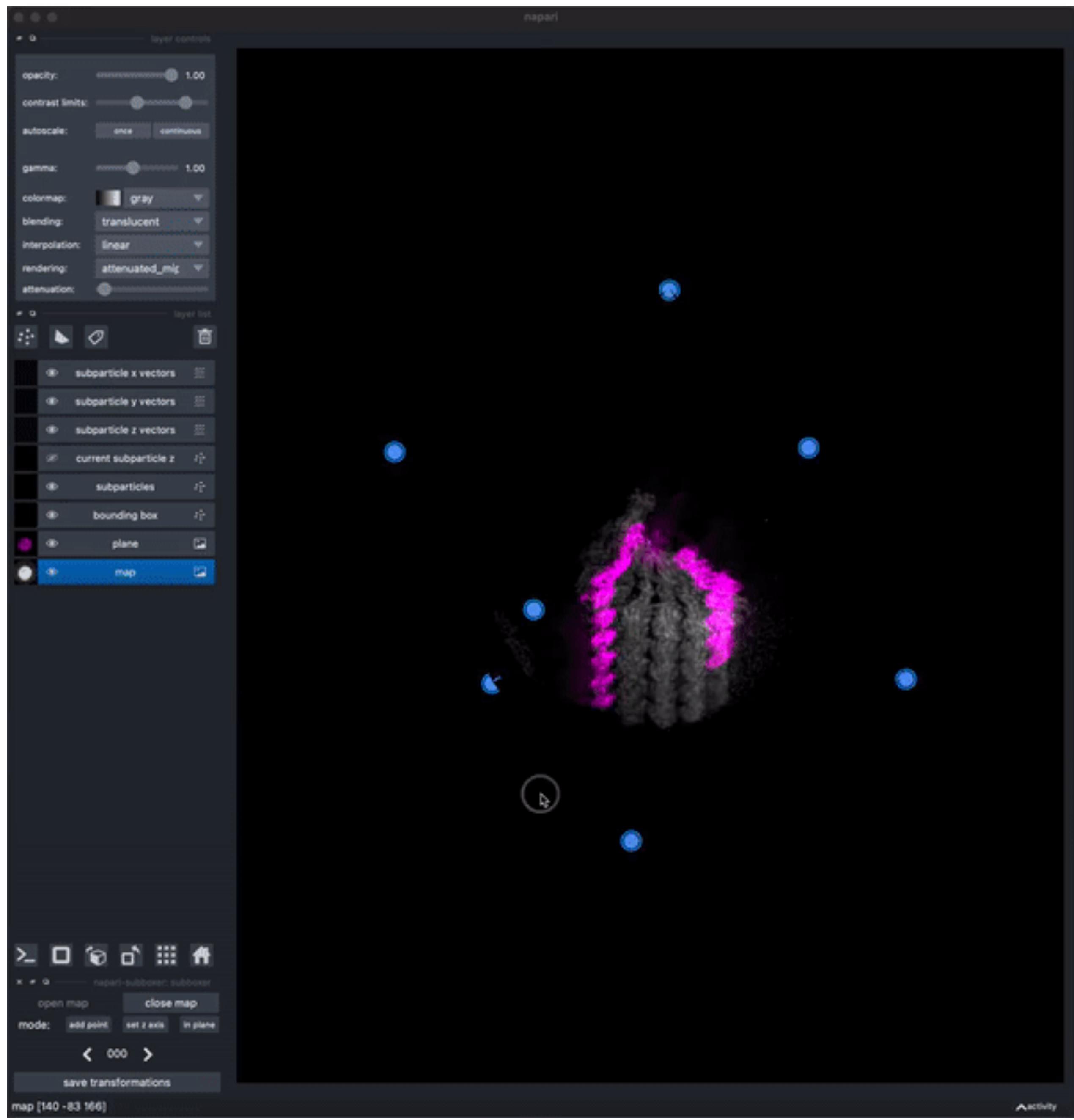




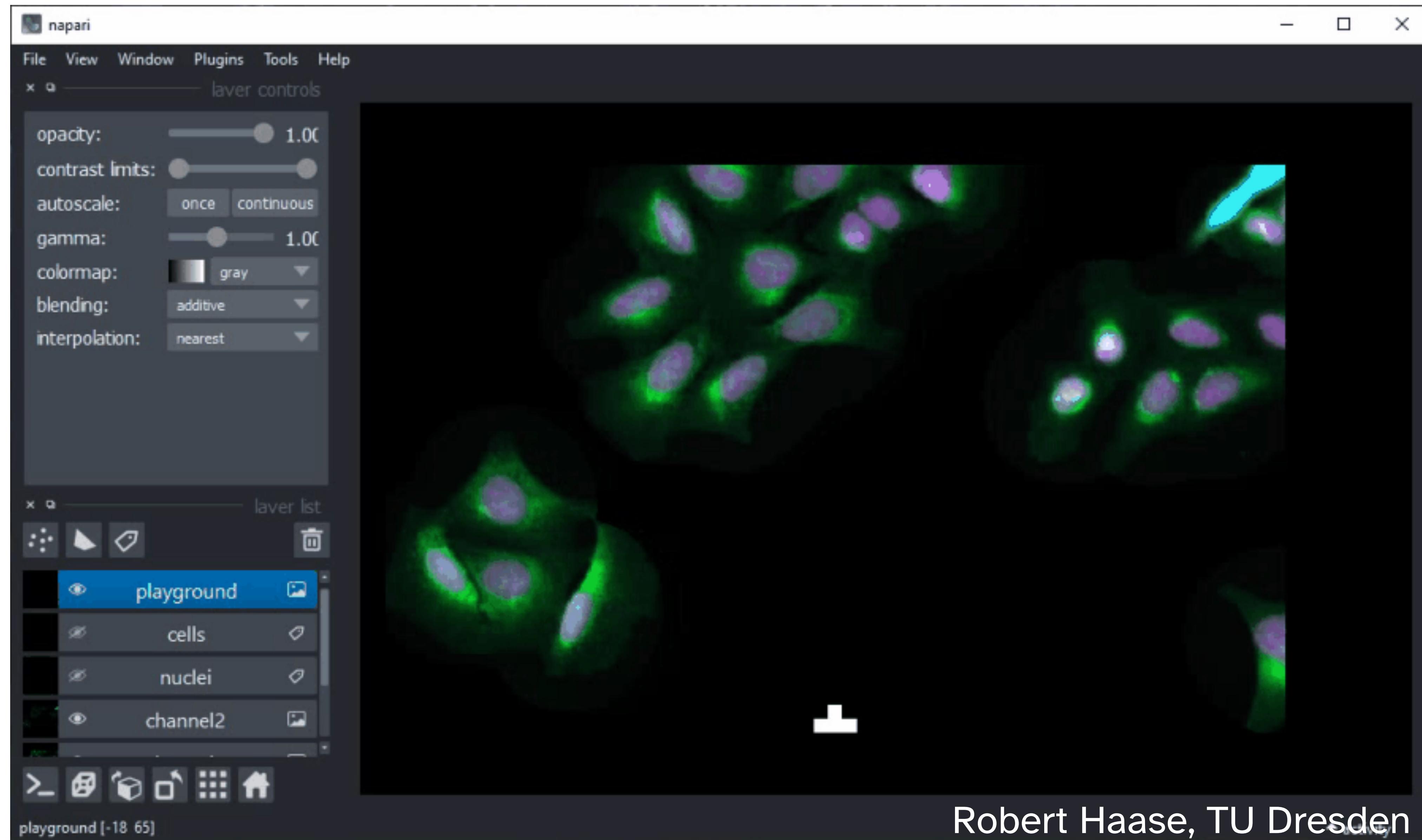
Dr. Anna Medyukhina (she/her)
@anna_medyukhina

The 3D filament annotator is now a [#napari](#) plugin and has an improved functionality [github.com/amedyukhina/na...](https://github.com/amedyukhina/napari-filament-annotator)





Extensibility with plugins



Robert Haase, TU Dresden





Thanks!



napari.org

homepage, tutorials, documentation,
contributing guide



github.com/napari/napari

source code, bug/feature tracker



fosstodon.org/@napari

news & updates



forum.image.sc/tag/napari

question forum



[@napari_imaging](https://twitter.com/napari_imaging)

news & updates



napari.zulipchat.com

realtime chat



napari.org/dev/community/meeting_schedule.html

community meetings



Quansight Labs

NUMFOCUS
OPEN CODE = BETTER SCIENCE

YOUR LOGO
HERE