

# Napari

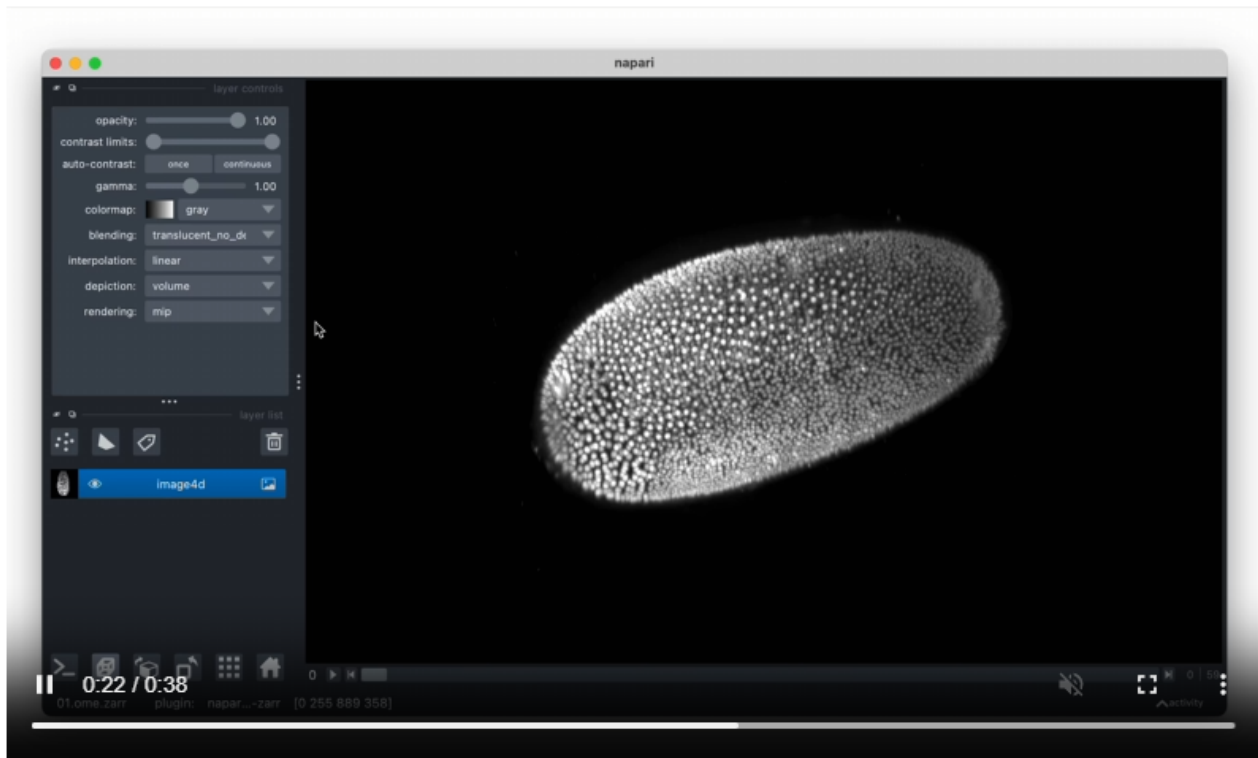
- [Napari: a fast, interactive viewer for multi-dimensional images in Python](#)

# Napari: a fast, interactive viewer for multi-dimensional images in Python

If you are using Python for image analysis already, Napari is a great package to help you visualize and render your data!

Documentation and downloads can be found on [this page](#).

Below is an example of 3D rendering in Napari.



```
napari.imshow(image4d)
```

Napari offers a lot of usage options such as the ones listed below.



napari



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napari + ImageJ how-to guide

Napari in Docker

Performance monitoring

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Creating and testing themes

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✓ Release notes

The Gallery gives examples of what you can do in terms of basic and advanced visualization. Check out the examples and see if you can use some of these tools to make awesome images and renderings for your papers and talks!

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^ visualization-basic (22)

Add grayscale image

Add image

Add image transformed

Add labels

Add points

Add points with features

Add points with multicolor text

Add points with text

Add shapes

Add shapes with features

Add shapes with text

Add surface 2D

Add vectors

Add vectors image

Image depth

Labels 2D

Layers

Minimum blending

Pass colormaps

Point cloud

Set colormaps

**visualization-advanced (17)**

3D Paths

3D image plane rendering

Add multiscale image

Add vectors color by angle

Affine transforms

Dynamic projections dask

Export Figure

Export regions of interest (ROIs) to png

nD multiscale image

nD multiscale image non-uniform

Points over time

Comparison of Screenshot and Figure Export

Show points based on feature

To screenshot

Tracks 3D

Tracks 3D with graph

Visualizing optical flow in napari