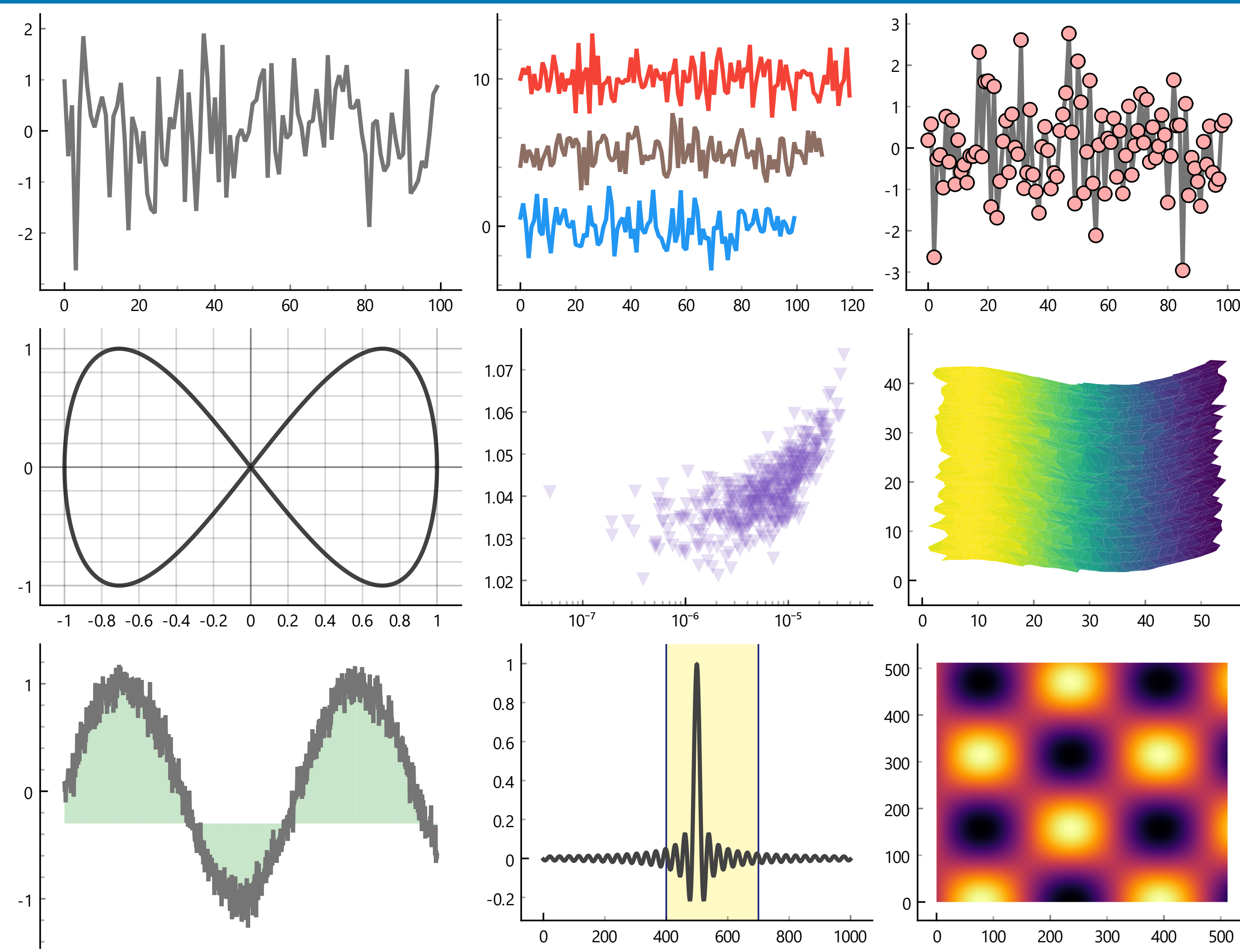


Summary



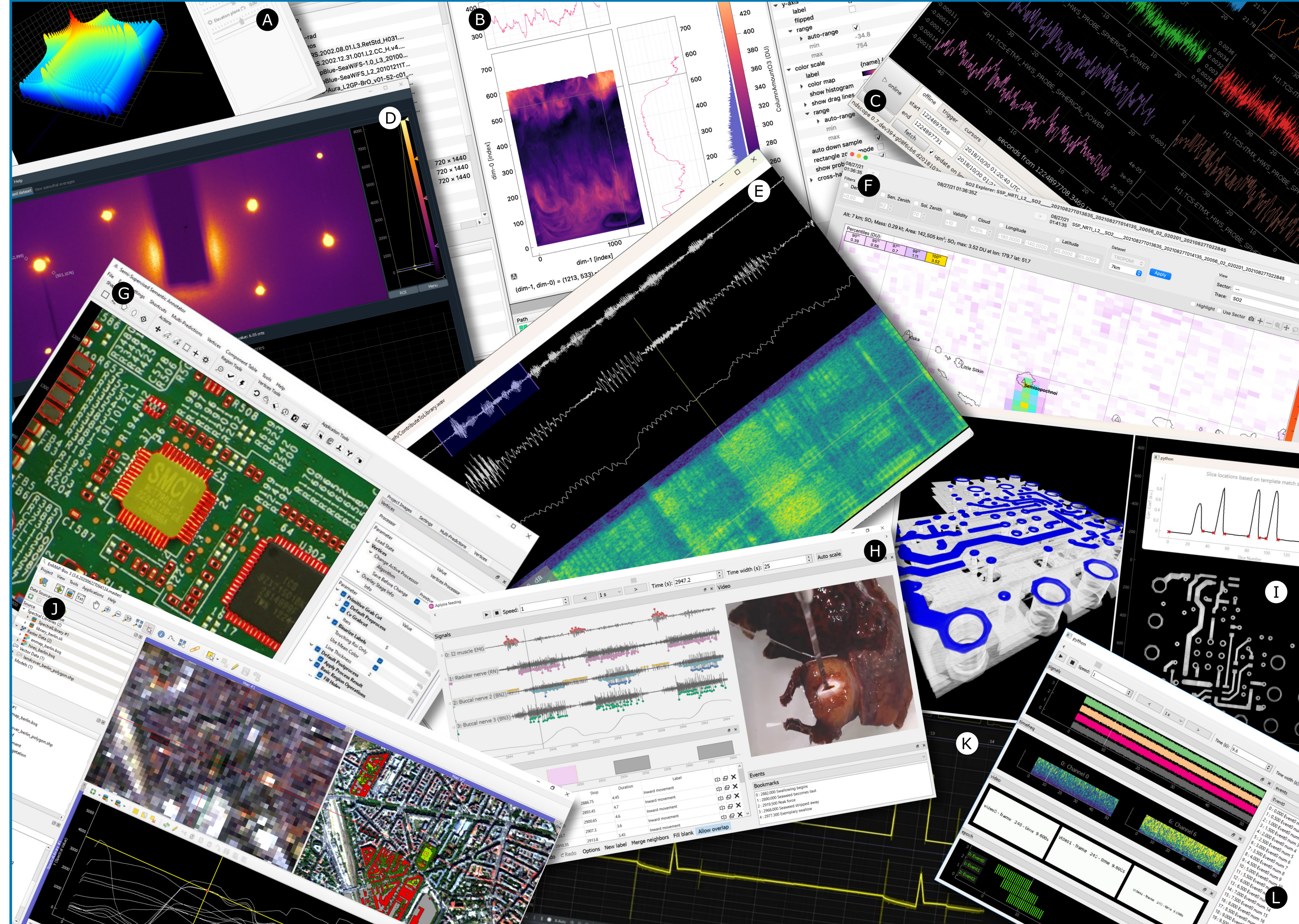
PyQtGraph is a plotting library that integrates NumPy and the Qt framework, allowing users to develop scientific applications where high **performance**, **interactivity**, and cross-platform **compatibility** are a given. *It is:*

- Fast!!** Real-time plotting + interactivity
- Pure python:** Native Python data structures & NumPy arrays, no C++ required
- Extensive:** Supports images, scatterplots, lines, 3D graphs, meshes, colormaps, parameter configs, custom graphics, and more
- Integratable:** Seamlessly fits into any PyQt/PySide application

Future Work

- Non-linear transformations
- Multiple vertical and horizontal scales/axes on the same plot
- More CuPy & Numba integration
- Support being a plot backend for Pandas

In the Wild



Legend

- A – Antenna Array Analysis – <https://github.com/rookiepeng/antenna-array-analysis>
- B – argos – <https://github.com/titusjan/argos>
- C – ndscope – <https://git.ligo.org/cds/software/ndscope>
- D – iris – <https://github.com/LaurentRDC/iris-ued>
- E – barney – <https://github.com/j9ac9k/barney>
- F – SO2 – Alaska Volcano Observatory

- G – S3A – <https://gitlab.com/s3a/s3a>
- H – neurotic – <https://neurotic.readthedocs.io>
- I – xrayrecon – <https://gitlab.com/ficsresearch/xrayrecon>
- J – EnMAP-Box – <https://enmap-box.readthedocs.io>
- K – joulescope – www.joulescope.com/
- L – ephyviewer – <https://ephyviewer.readthedocs.io>

See more at <https://github.com/pyqtgraph/pyqtgraph#used-by>