



Tips and Tricks

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Outline

- Inkscape
 - The grid is your friend
 - Latex equations
- Matlab
 - Making pretty figures
 - Constants()
 - Exporting figures (PNG vs EPS)
 - Optimization == Swiss army knife
- Questions?

Key points

- Recommended Matlab packages
 - export_fig (export pretty figures)
 - Boundedline (shaded area plots)
 - Ploterr (better error bar plots)
 - Lots more online if you have a specific problem
- Matlab tips
 - Functions >> scripts (reusability)
 - Vectors >> loops (speed)
 - Generate your figures programmatically
 - EPS > PNG > JPG for line art
 - JPG > PNG/EPS/TIFF for bitmaps/micrographs