

Part 3: Collaborative writing and some real-life examples

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“Paradigms for a more efficient
publication workflow” series

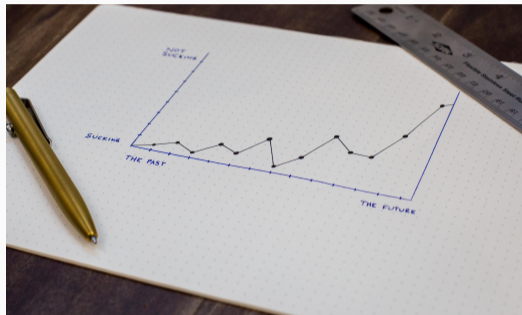
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Picture by John Schnobrich on Unsplash

Why are we here today?

- Writing  Editing
- Feedback loop requires all data & code to be open
- Must use \LaTeX & TikZ for everything
- I promised some comments on
 - Overleaf
 - Version control & data storage (not today)
 - Interfacing with program code



Picture by Isaac Smith on Unsplash

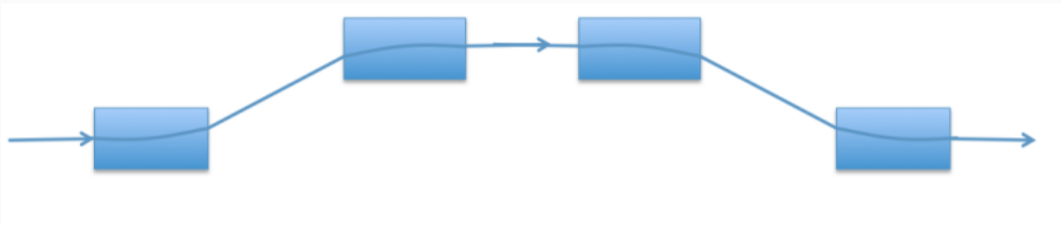
What comes next?

- Recommended reference manuals:
 - PGF/TikZ:
<https://pgf-tikz.github.io/pgf/pgfmanual.pdf>
 - pgfplots:
<http://pgfplots.sourceforge.net/pgfplots.pdf>
 - siunitx: <http://mirrors.ctan.org/macros/latex/contrib/siunitx/siunitx.pdf>
- Apply to your own problems and play!
- Hope for JLab beamer template on Github soon
- Regular problem-solving seminars



Picture by Austin Chan on Unsplash

Time for a real problem: Sami's chicane drawing



- Rasterization makes it blurry
- ... hiding the fact that the arrows don't quite fit
- Sami uses Beamer for presentations; let's use TikZ as well

Time for a real problem: Sami's chicane drawing

