Git and *Github* workshop
Sponsored by the Harvard MRSEC

Join us on Friday, July 29th, 2022 from 11:00 AM to 1:00 PM, lunch included

Pierce Hall 209 (29 Oxford Street, Cambridge)

Instructors: Giovanni Bordiga, Eder Medina, Louis-Justin Tallot and Florent Pollet

Have you ever found yourself renaming files as script.py, script_mod.py, script_final.py, and then script_final2.py, script_really_final.py? If so, this course is for you! :)

By the end of this interactive workshop, you will know how to harness the power of version control to keep track of file changes and data in a safe and consistent way.

The tools for the job will be *Git* and *GitHub* allowing you to organize both simple and complex code projects as well to make teamwork and collaborations easy and effective.

Locally

Online collaboration

- Setting up a (local) repository
- Adding, committing, stashing, reverting, resetting...
- Branching, merging
- Example of best practices (e.g. tracking code vs ignoring large output data)

- Remote vs local branches
- Pull requests and merging
- Forking
- Issues
- Project planning
- Wiki

Session 1: 11 AM – 11:50 AM

Session 2: 12 PM – 12:50 PM

Lunch: 1 PM

Please register here before attending:

https://forms.gle/uBjit11LyGujiSKK9

mrsec @harvard
materials science at the interface