Special course announcement:

**Scientific programming and Git-based collaboration**

(evening course, spring 2024)

Did you ever wonder what basic Python routines are used in scientific programming during your studies and beyond? Would you like to familiarize/update yourself with the latest techniques for file sharing/storing and project collaboration?

We have tailored an evening course over 2 weeks for you at the end of April! Come with a friend and join us in fun and productive sessions to answer all your questions and train some important skills, free dinner is included!

The activities will focus on coding and group work, and you will walk out of the course with a better sense and experience of what geophysicists use in their professional career! Welcome to all (and in particular to our Bachelor students)!

Dear GFI students,

We welcome you to this year’s edition of the spring evening courses! This time, the focus will be on scientific programming and Git-based collaboration.

Too often during your studies, you have been facing situations requiring comprehensive coding skills. And yet, you haven’t received formal training in scientific programming tailored to those needs (INF100 is an introduction but doesn’t fully transfer to the projects at GFI either). More generally, programming is gaining an ever-growing place in the education of scientists, whether it is for data collection, processing, analysis or visualization, and you would like to stay up to date with the latest methods.

Through a series of relaxed yet straight-to-the-point sessions in the evening after classes, we will support you in acquiring some relevant skills and techniques in Python that will be useful in all your future programming endeavors.

Since the ability to collaborate with peers is such an important asset in a modern scientist’s toolbox, we will also teach you how to use a Git-based change-tracking and back-up framework along all your programming projects (and even beyond!).

With that, we hope to help you take more ownership of your coding as a natural part of your activities as geophysicists, for the present and future.

The course will revolve around real-life situations inspired by case-studies in meteorology and oceanography, and you will be working and coding collaboratively with your peers, just like senior scientists do. Our teaching will employ methods based on literature in didactics, to make sure that you get most out of it and in the best possible way. There will be no formal exam, but instead some small milestones along the way with clearly stated objectives to achieve. The course is open to all students from all programs at GFI.

We will have a pause in the middle of each session where dinner will be served, and to keep the course both cosy and very productive for all the participants, we will tentatively cap the number of registrations to 12. So don’t wait too long! Sign up using the following link: <https://skjemaker.app.uib.no/view.php?id=16900248>

The schedule for the course will be:

Tue 30/4 17:00-20:00

Thu 2/5 17:00-20:00

Mon 6/5 17:00-20:00

Tue 7/5 17:00-20:00

Fri 10/5 17:00-19:00

We look forward to welcoming you and learning new things,

Daniel Oddmund Lid & Julien-Pooya Weihs  
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