STFC Introductory Course in Solar and Solar-Terrestrial Physics

Python Session Information

- The GitHub repository containing the Jupyter Notebooks is at https://github.com/StAResComp/stfc-solar-summer-school-python/tree/main. The README, displayed below the list of files, include instructions on running Jupyter Lab either locally or via Binder.
    - The lesson draws heavily on the Software Carpentry lesson "Plotting and Programming in Python" (http://swcarpentry.github.io/python-novice-gapminder/). The materials for that lesson are freely available via this URL, and include further details and exercises that we didn't have time for yesterday.
    - Carpentries workshops (https://carpentries.org) are run regularly at institutions across the UK and elsewhere, if anyone wants to take a bit more time to get familiar with Python or Git (or the Unix Shell, or R...) in a more interactive course, typically over 2 days.
    - The Carpentries is built on volunteer effort to develop and maintain lesson materials and to organise and deliver workshops. I know that at St Andrews we are always looking for more people to get involved. It can provide some useful teaching experience. The Instructor certification is not very onerous and focuses on pedagogy rather than technical knowledge.
- The Git presentation is available at https://github.com/StAResComp/git-collaboration/tree/main. Note that it includes a PDF of the presentation, so it isn't necessary to run the browser-based slideshow software I used yesterday.
- Part of my job is to support researchers working with code, so I encourage St Andrews in particular to get in touch if they need such support. Email me at pgm5@st-andrews.ac.uk or the Research Computing Team via research-computing@st-andrews.ac.uk.