Contribution ID: **111**   Type: **Workshop/Tutorial**

Workshop: Scientific Programming with Python using Jupyter Notebooks

Wednesday, September 25, 2024 9:00 AM (3 hours)

In the three-hour long, hands-on workshop we will introduce the fundamentals of using *Jupyter Notebooks* for data analysis and data visualization, and machine learning using *Python*.

We will utilize popular packages for scientific computing and data analysis, including NumPy, Pandas, and Matplotlib.

Furthermore, we will introduce opportunities for Python-based research on High-Performance Computing (HPC) resources within the bwHPC project.

The workshops includes a basic introduction to the Python programming language, so no prior programming experience in Python is required.

Registration:

<a href="/event/3981/registrations/751/?form$_token = f5831ae9-7d86-47f4-8697-432e6b9be485$" >< $strong > Workshop : ScientificProgrammingwithPythonusingJupyterNotebooks < /strong ><$ /a >

Presenters: STEUER, Jakob; KÖSTER, Philipp

Session Classification: Courses, Workshops and Tutorials