

PUNCHLunch –

the online lunch seminar of the PUNCH4NFDI Consortium

Every third Thursday, 12:30-13:30 hrs: keynote and discussion



Thursday, 15 January 2026, 12:30 hrs:

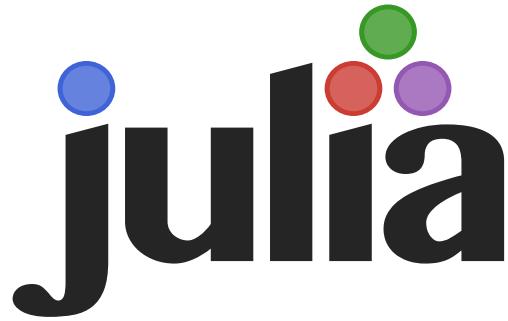
Dr. Oliver Schulz (Max-Planck-Institut für Physik)

Julia for Physics (and Physicists)

A short introduction

Abstract:

Julia is a growing programming language in physics, complementing C/C++, Fortran and Python. Julia offers just-ahead-of-time compilation for native high performance, multiple dispatch for powerful cross-package composability and very high expressiveness, as well as multi-threading, cluster- and GPU-computing support and a package management system that comes with built-in scientific reproducibility.



I'll give a short introduction into the language, show some real-life use cases and guide through a miniature physics application.

Connection details:

ZOOM Meeting “PUNCHLunch seminar”: <https://indico.desy.de/event/52018/>

Webinar ID: 919 1665 4877, **passcode:** 481572

Next event: The Next event, 19 February 2026

Connect to PUNCH4NFDI:

Mastodon: <https://nfdi.social@punch4nfdi> Mail: punch4nfdi@desy.de Web: www.punch4nfdi.de