

HPC Carpentry Community Meetup

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HPC Carpentry

A global community teaching foundational skills in high-performance computing (HPC).

Our mission is to lower entry barriers to HPC operations for a wide range of users, so that more people can benefit from the increasing availability of increasingly sophisticated computer systems.

<https://hpc-carpentry.org/>



HPC Carpentry

- Inspired by *The Carpentries*
 - Workshops
 - Instructional approach
 - Lesson infrastructure
 - Values
- In incubation to become a full Lesson Program





The Carpentries

A global community teaching essential software and data skills.

- empower a diverse global community by equipping individuals with essential data and computational skills.
- promote efficient, open, and reproducible research practices.
- foster collaborative development of openly available lessons and research-informed teaching methods
- build an inclusive network of practitioners and advocates who emphasise the critical role of software and data in advancing research.

Three official lesson programs + >120 community-owned lessons.

Lesson Program Incubation

HPC Carpentry is in *Lesson Program Incubation*.

- 3-phase process.
- Goal: adoption as official program of The Carpentries.
- Benefits:
 - administrative support
 - established Instructor network
 - Maintainer onboarding
 - assessment framework

Image by Celso A Torres Pirron on Unsplash



Lesson Program Incubation

Policies & Processes

Ensures compliance with existing Carpentries operations.

Governance

Ensures consistency with existing community structures and healthy project leadership.

Contributions

Ensures a large, healthy, diverse community supporting curriculum development & maintenance.

Teaching

Ensures quality of curriculum, demand for workshops, and sufficient pool of Instructors to teach them.

Plan for this session

- Get to know each other better
 - Gather feedback
 - Demonstrate how (and why) to get involved
 - Strengthen communications channels
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