Scaling up Training

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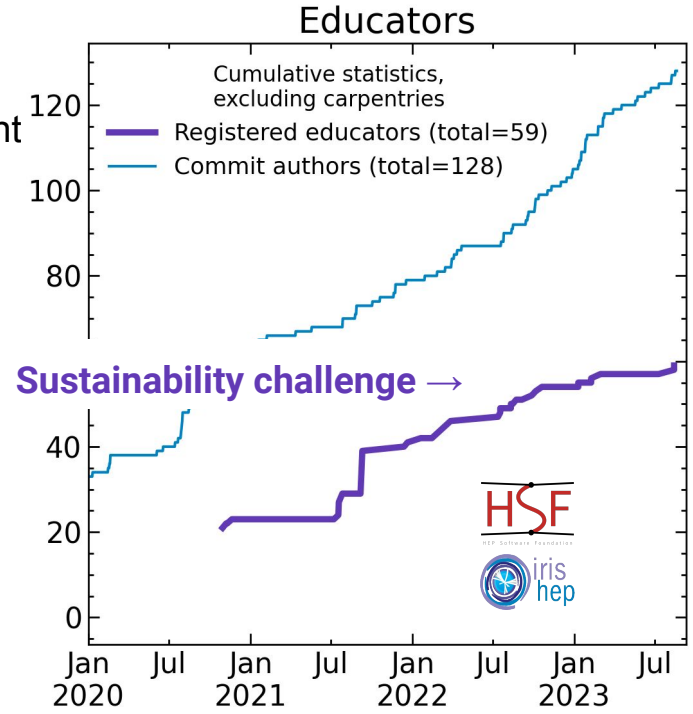
The Training **Grand Challenge**

- Seed **topical WGs** for advanced material
- Rebuild **Training Center**
- New **liaisons** (HEP & beyond)

- **80%** of cross-experiment software topics for HEP Ph.D. students covered
- **50%** of HEP Ph.D. student received intermediate training

2023

2024 - 2025

2026 - 2027

- **Teach first new** intermediate- advanced training modules

Educators

Cumulative statistics, excluding carpentries
Registered educators (total=59)
Commit authors (total=128)

Sustainability challenge →

HSF

2

Finding contributors & contributions

IRIS-HEP fellows
- **Experience:** two 1 month FTE training fellows in 2023, but of limited success (not enough prior knowledge)
- **Plans:** "Hybrid fellows" combining technical work with training activities (won't work for all projects)

Experiments
Experience: Generally prioritize experiment specific material; bystander effect

Topical groups
- **Idea:** Bringing together people who already train and try to create something universal together
- **Experience:** Currently trying with training on Generators

In-person hackathon to work on material
Idea: Easier to get real commitment in-person; hackathon could be back-to-back with other event

Other volunteers
Experience: Generally looking for one-off contributions; not often experts in subject-matter

Other training initiatives (e.g., DOE initiative)
Experience: Material still needs adaptation for audience; often not modular; not always collaboratively maintainable and conversion takes time

Institute members and their students
We should have some pull here, we need to use it

3

Discussion

[Live notes](#)