

Software Training and Sustainable HEP

Tuesday, June 29, 2021 4:00 PM (1 hour)

The long-term sustainability of the research software ecosystem is particularly important for HEP, given that the HL-LHC and other facilities of the 2020s will be relevant through at least the 2030s. To prepare a workforce that meets our software challenges, the HSF along with its partners: IRIS-HEP, FIRST-HEP and the Carpentries has implemented a vision of software training with a focus on scalability and sustainability. We have built a strong, motivated and diverse community that voluntarily supports building and teaching of software material. In this way, around 1000 people were trained in the last two years. While initial training was an in-class experience, we quickly adapted to the COVID-19 pandemic by changing to an online training model. In this contribution we describe our experience and how it has actually made our reach more broader, more diverse and more sustainable.

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