

# Software Citation & Recognition



November 22-23, 2022



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**Thanks for all the hard work to my fellow organizers!**



# WELCOME!

All participants of this workshop are required to follow the Code-of-Conduct found [here](#)

*This workshop is focused on exploring*


- (a) current best practices for the citation of software that HEP science depends upon in their publications**
  - For this workshop, we choose to focus on ATLAS, CMS and LHCb experiments but the topic and outcomes should be general for HEP
- (b) ways that we can ensure recognition of software efforts and better support the career advancement of those that develop and maintain software for HEP**

## ***Goals for this Workshop:***

- I. Get informed on the general topic of software citation
- II. Get informed on current best practices by HEP experiments on citing software for their publications
- III. Get perspective from selected software projects, representatives from the generator community, and publishers on best practices for citing software in HEP publications
- IV. Explore ways in which tools, technologies and establishing best practices can better support of software citation and recognition of efforts in HEP
- V. Explore the value and prospects of harmonizing practices for software citation across collaborations (experiment, theory, software, ...)
- VI. Explore ways that the HEP community can to ensure recognition of software efforts and better support the career advancement of those that develop and maintain software for HEP

***Deliverable:*** Doc on arXiv with our findings & recommendations 3

# Day 1

08:00	<b>Workshop Welcome and Goals (10')</b> <i>Virtual, Zoom</i>	<i>Mark Neubauer</i> 08:00 - 08:10
	<b>Overview of Software Citation (15'+10')</b> <i>Virtual, Zoom</i>	<i>Daniel S. Katz</i>  08:10 - 08:35
	<b>Current Experiment Practices in Citing Software: ATLAS (10'+10')</b> <i>Virtual, Zoom</i>	<i>George Redlinger et al.</i> 08:35 - 08:55
09:00	<b>Current Experiment Practices in Citing Software: LHCb (10'+10')</b> <i>Virtual, Zoom</i>	<i>Patrick Koppenburg</i> 08:55 - 09:15
	<b>Break</b> <i>Virtual, Zoom</i>	09:15 - 09:30
	<b>Current Experiment Practices in Citing Software: CMS (10'+10')</b> <i>Virtual, Zoom</i>	<i>Greg Landsberg</i> 09:30 - 09:50
10:00	<b>Harmonization value and prospects: Discussion</b> <i>Virtual, Zoom</i>	09:50 - 10:25
	<b>Recognition of Software Contributions and Career Development: Discussion</b> <i>Virtual, Zoom</i>	10:25 - 11:00

# Day 2

08:00	<b>Plans for Day 2 (5'+5')</b> <i>Virtual, Zoom</i>	<i>Mark Neubauer et al.</i> 08:00 - 08:10
	<b>Software Projects: ROOT (10'+10')</b> <i>Virtual, Zoom</i>	<i>Axel Naumann</i> 08:10 - 08:30
	<b>Software Projects: Scikit-HEP (10'+10')</b> <i>Virtual, Zoom</i>	<i>Eduardo Rodrigues</i> 08:30 - 08:50
09:00	<b>Generator Community, MCnet (10'+10')</b> <i>Virtual, Zoom</i>	<i>Andy Buckley</i> 08:50 - 09:10
	<b>Supporting the Citation Landscape: INSPIRE (10'+10')</b> <i>Virtual, Zoom</i>	<i>Micha Moskovic</i> 09:10 - 09:30
	<b>Break</b> <i>Virtual, Zoom</i>	09:30 - 09:45
	<b>Publisher View: Elsevier (5'+5')</b> <i>Virtual, Zoom</i>	<i>Adriaan Klinkenberg</i> 09:45 - 09:55
10:00	<b>Publisher View: JOSS (5'+5')</b> <i>Virtual, Zoom</i>	<i>Dr Amy Roberts</i> 09:55 - 10:05
	<b>Tools, Technologies and Best Practices (10'+10')</b> <i>Virtual, Zoom</i>	<i>Matthew Feickert</i> 10:05 - 10:25
	<b>Technical Lightning talk: FAIR4UFOs (5'+5')</b> <i>Virtual, Zoom</i>	<i>Avik Roy</i> 10:25 - 10:35
11:00	<b>Report Writing, Closeout and Next Steps</b> <i>Virtual, Zoom</i>	10:35 - 11:05

[Google doc](#) for “Live Notes” can be found on the meeting main Indico page  
Google docs for breakout groups to develop answers to questions will also be found on the main Indico page