

Announcements

04/28 No meeting due to [Streaming Readout VIII](#)

05/05 Update on [Project eAST](#)



Please contact Makoto Asai (asai@slac.stanford.edu) if you would like to contribute to the development.

Software News

Example from July 31 2020



The Software Working Group is working on physics and detector simulations that enable a quantitative assessment of the measurement capabilities of the EIC detector(s) and their physics impact for the Yellow Report Initiative. The common simulation tools and workflow environment being set up by the working group allow the EICUG to pursue the Yellow Report studies in a manner that is accessible, consistent, and reproducible.

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Software News

- Anyone can contribute. This is a newsletter for the whole community.
- Send your contributions by April 28 to eicug-software-conveners@eicug.org.
- Newsletter gets out on April 30.
- There will be two calls. One today and a reminder on April 26.
- **Lessons learned**
 - Only a paragraph of few lines per topics. More content is strongly encouraged but is then content for <https://eic.github.io> and not the newsletter.
 - We will not wait for content. All late contributions will be part of the next newsletter.

Working Together

Anecdote Ian Shipsey (Oxford) presented at DIS2021 “Breakthroughs in Detector Technology. After his talk, he was asked about the role of software. Ian Shipsey replied in a poetic way *“Software is the soul of the detector.”* and pointed out in his answer the importance of great software for great discovery. He added that we need to work together, on a global scale and with other fields, to achieve this goal.

Common Software Effort



Tutorials

The screenshot shows the YouTube channel page for the EIC User Group, which has 78 subscribers. The navigation menu includes HOME, VIDEOS, PLAYLISTS, CHANNELS, DISCUSSION, and ABOUT. The 'Uploads' section is active, displaying a row of six video thumbnails with their titles, view counts, and upload dates. The videos are:

- EIC Software Tutorial: Pythia 8** (1:40:31, 428 views, 4 months ago)
- EIC Software Tutorial: Herwig 7** (2:02:50, 86 views, 6 months ago)
- EIC Software Tutorial: MC-Data Comparisons in Rivet** (59:52, 89 views, 6 months ago)
- EIC Software Tutorial: Sherpa** (1:49:46, 96 views, 6 months ago)
- EIC Software Tutorial: Advanced Fast Simulations...** (2:10:18, 164 views, 9 months ago)
- Jim Pivarski Tutorial: uproot and Awkward Array** (2:37:12, 373 views, 11 months ago)

What next? Will share request for input later today.