IT Infrastructure

2023

2023 milestones for software resources

- **Mitigation of Log4Shell vulnerability in e-Labs**

- **Complete documentation of e-Labs installation procedure**

- **Upgrade of CMS e-Lab plotting libraries (near completion)**

- **Upgrade and redesign of quarknet.org website (ongoing)**

IT Infrastructure

2024

Expected projects and progress

- **Completion and rollout of Drupal 10 quarknet.org**
  - **Includes new QuarkNet style & branding**
- **Clean e-Labs code and improve documentation**
- **Upgrade e-Labs from Java 8 to Java 11 or greater**
- **Servers operating well; no major maintenance expected**

CMS masterclass enhancements

Data

- More 4-lepton events: 278 → 425

iSpy event display

- Improved track picking and table, 3D, RPhi, RZ views

- Dev version:
  https://cern.ch/ispy-webgl-masterclass

Griffith, McCauley, Cecire, Ad Board Meeting, Dec. 2023