

Session Program

3-5 Feb 2025

ALICE, ATLAS, CMS & LHCb Third Joint Workshop on DAQ@LHC

Artificial Intelligence

Château de Bossey (20 km from CERN)

Tuesday 4 February

14:20

Artificial Intelligence

Session | **Location:** Château de Bossey (20 km from CERN) | **Conveners:** Sylvain Chapeland, Giuseppe Avolio

14:20-14:40

Rule-based automation, error detection and recovery: experience, challenges, pitfalls and future of expert systems and complex event processing engines in DAQ systems (20' + 10')

Speaker

Andrei Kazarov

14:50-15:10

Machine learning techniques and models for anomaly detection and prediction in DAQ systems: status and plans (20' + 10')

Speaker

Joaquin Hoya

15:20-15:25

News from AI activities at CERN (5' + 5')

Speakers

Dr Sofia Vallecorsa, Sylvain Chapeland

15:30