

Wednesday 29 May

15:20

Session 5: Software

Session | Location: CERN, 40/S2-B01 - Salle Bohr | Convener: Rajesh Jena

15:20-15:30 Overview and Key Challenges

Speaker

Rajesh Jena

15:30-15:42 Cascaded Machine Learning and Transformer Models

Speaker

Xin Du

15:45-15:57

State-of-the-Art in Federated Learning and Development of CERN's CAFEIN Platform for STELLA

Speakers

Diogo Reis Santos, Luigi Serio

16:00-16:12 Background to the Capture of Fault Data from UK Linac Stock

Speaker

Joseph Bateman

16:15-16:27

Modelling, Learning From, and Predicting Fault Patterns in Linac Hardware

Speaker

Sam Leadley

16:30-16:42

Requirements Capture to Speed Up Medical Device Certification and Route to Market

Speaker

Bob Spears

16:45-16:50 Session Summary and Next Steps

Speaker

Rajesh Jena

16:50