

## 3rd CERN Baltic Conference (CBC 2023)



Contribution ID: 78

Type: **not specified**

# Federated HPC environment for distributed CERN CMS TIER2 computing

The significant increase in CERN CMS computing requirements for the upcoming High-Luminosity Large Hadron Collider (HL-LHC) upgrade will initiate new challenges in pledged HPC computing infrastructure. Federated TIER2 deployment architecture is set to provide a scalable solution by utilizing Latvia's National Academic Network and distributed computing resources of several academic institutions involved in the project.

## Type of contribution

Talk

**Author:** Mr IRBE, Janis (Riga Technical University (LV))

**Co-author:** CIKOVSKIS, Lauris (Riga Technical University (LV))

**Presenter:** Mr IRBE, Janis (Riga Technical University (LV))