



Contribution ID: 33

Type: **Poster**

The MoEDAL-MAPP Detector For LHC's Run-3

Monday, 23 May 2022 10:23 (1 minute)

The MoEDAL Apparatus for Penetrating Particles (MAPP) was recently approved by CERN's Research Board to take data during LHC's Run-3. This detector extends the physics reach of the MoEDAL detector, the LHC's first dedicated search experiment that was built to detect highly ionizing avatars of new physics. The MAPP detector will concentrate on the search for feebly (electromagnetically) interacting particles (FIPs) such as milli-charged particles. The MAPP detector will also provide sensitivity to very long-lived neutral and charged particles.

Collaboration

MoEDAL LHC Collaboration

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Session Classification: Detector Systems and Future accelerators - Poster session