



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

Contribution ID: 3688

Type: Oral (Non-Student) / Orale (non-étudiant(e))

Calorimetry Detectors for Particle Physics

Monday 19 June 2023 16:45 (15 minutes)

The international CALICE collaboration is dedicated to detector R&D in calorimetry for new experiments. All project concepts now use high granularity to maximally profit from Particle Flow Algorithms and thus improve jet energy resolution, device versatility and response performance. A review of innovative analog or digital detector types, using technologies such as silicon, scintillators or resistive plate chambers, will be presented, as well as results from recent work realized in Canada.

Keyword-1

calorimeter detectors

Keyword-2

particle physics

Keyword-3

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Session Classification: (PPD) M3-1 Collider 2 | Collider 2 (PPD)

Track Classification: Technical Sessions / Sessions techniques: Particle Physics / Physique des particules (PPD)