

## **Highly Granular Calorimeters for Colliders and Beyond**

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Highly granular “imaging” calorimeters, developed by the CALICE collaboration, have evolved from a conceptual idea to a well-proven technology over the last decade. Initially proposed for the detector concepts of future linear electron-positron colliders, such devices are now finding an increasing number of applications in other areas of particle physics as well. This seminar will review the status of the development of imaging calorimeters in CALICE, placing particular emphasis on new technological developments, such as MAPS-based electromagnetic calorimeters, activities addressing the scalability to full experimental systems, and the transfer of hadronic energy measurement techniques developed on prototype data to full event reconstruction with Particle Flow Algorithms. An outlook towards other possible applications of CALICE technologies, among them long baseline neutrino oscillation experiments, will also be given.