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## **A digital hadronic calorimeter with a new readout generation.**

*Friday, May 30, 2008 10:20 AM (20 minutes)*

### **Summary**

#### **The CALICE Collaboration**

A new concept of high granularity hadronic calorimeter based on semi-digital readout for future ILC experiments is presented. The readout of the sensitive medium using a chain of detector-embedded low-consumption tiny 64-channel chips was realized and tested. The nice results obtained using GRPC as a sensitive medium readout with four chained chips show that the concept was successful and could be extended to large area detector.

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