



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

SÉMINAIRE DE PHYSIQUE CORPUSCULAIRE

SUJET: Imaging calorimeters for particle flow reconstruction

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DESY

DATE: Mercredi 27 mai, 2015, 11h15

LIEU: Science III, Auditoire 1S081
Boulevard d'Yvoy, 1211 Genève 4

RÉSUMÉ:

In the past decade, advances in particle detection technology and micro-electronics integration have led to the development of highly granular calorimeters, able to produce detailed images of electromagnetic and hadronic showers. These capabilities can be used to reconstruct charged and neutral particles individually even in the dense environment of jets produced at present and future high energy collider experiments. The talk will give an overview on the concept, the technological developments and the results obtained in test beam experiments.

INFORMATION : <http://dpnc.unige.ch/seminaire/annonce.html>

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