



**UNIVERSITÉ
DE GENÈVE**

FACULTÉ DES SCIENCES
Département de physique
nucléaire et corpusculaire

SEMINAIRE DE PHYSIQUE CORPUSCULAIRE

SUJET : Pixel Detectors – trends and options for the future

PAR: Prof. Norbert Wermes
University of Bonn

DATE: Mercredi 25 avril 2012, 11h15

LIEU: Science III, Auditoire 1S081
30, quai Ernest-Ansermet, 1211 Genève 4

RESUME:

Pixel detectors have been invented in the early 90s with the advancement of micro technologies. With the advent of the LHC, big vertex detectors have demonstrated that the pixel detector type is holding many of the promises it had made before. Meanwhile new, different or just improved variants of the pixel technology are being studied for their suitability for future experiments or experiment upgrades. The talk will address the various pro's and con's comparing hybrid and monolithic pixel technologies and their suitability for the different accelerator environments.

INFORMATION : <http://dpnc.unige.ch/seminaire/annonce.html>
ORGANISATEUR: Mrs Gabriella Pasztor