



Laboratoire d'Anney-le-Vieux
de Physique des Particules



Micromegas DHCAL test beam plans for 2010

Jan BLAHA

For Catherine Adloff

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Casablanca, Morocco



In2p

Test beam plans: 2011

Request for test beams within CALICE and RD51 collaborations

Test beam at CERN SPS H4:

- Test of the 1m^2 with new electronics (MICROROC)
 - Validate 1m^2 functionality
 - Efficiency, multiplicity and uniformity over the 1m^2 area (10^4 pads)
 - Ideally with MIPs → SPS muon beam
- Test of the DIRAC stack (four small chambers)
 - Measure efficiency, multiplicity and uniformity
 - Test power pulsing in magnetic field
 - Spark study

Test beam with the W-structure and SS-structure (depending on test beam schedule)

- Test of one to five 1m^2 chambers in hadronic showers