

Silicon Kalorimeter Integrated Read Out Chip : SKIROC Excellent S/N ratio SKIROC has 64 independent channels Targeting 10 • With auto-trigger feature Obtained 9 with cosmics And 7 on beam • Analogue shaping • Digitization : 12 bits 15 bits resolution with 2 gains • Storage



For power storage Support 1% duty cycle Minimizing voltage drop



Demonstrator to validate mechanical concept

Alveolar Structure



Thermal tests to control power consumption



Thermal layer with 9 interconnected ASUs