Development and test of the Micromegas detector prototype and its readout electronics for the AMBER experiment at CERN

C. Alice on behalf of the working group

The AMBER experiment at CERN







2025 Drell-Yan setup







MM development































FE challenges

Bulk



M. Alviggi, M.T. Camerlingo, M.D. Pietra et al.

PAD-Patterned



Operation at the RD51 TB

Kelling Bloch	

Floating Mesh

Fig. 2. Configuration of the resistive protection scheme in the Uniform Double

A new specific dedicated

ASIC for MPGD detector is

under development by

Quality check of the production



Initial digital RO chain









INFN-Torino









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