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## Preliminary results from a test beam of ADRIANO prototype

The physics program at future colliders demands an energy resolution of the calorimetric component of detectors at the limits of traditional techniques.

The ADRIANO technology (*A Dual-readout Integrally Active Non-segmented Option*) is under development with an expected excellent performance.

Results from detailed Montecarlo studies on the performance with respect to energy resolution, linear response and transverse containment together with a preliminary optimization of the layout are presented.

A baseline configuration is chosen with an estimated energy resolution of  $(E)/E \approx 30\%/\sqrt{E}$ .

An extensive *R&D* program recently started by T1015 Collaboration and preliminary results from a test beam at

Fermilab of a  $\sim 1\lambda_I$  prototype are also presented together with future prospects with ultra-heavy glasses for the intensity frontier experiments.

**Author:** Dr MAZZACANE, Anna (Fermilab)

**Co-authors:** Dr GATTO, Corrado (INFN Napoli (Italy)); Dr DI BENEDETTO, Vito (Universita' del Salento (Italy))

**Presenter:** Dr MAZZACANE, Anna (Fermilab)

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