



Contribution ID: 3

Type: **not specified**

Quench levels and transient beam losses at HERAp

The talk recalls the main parameters which defined the expected beam loss generated quench levels (in 1985) and compares the results with measurements of loss induced quenches at HERA during 1994-2005. The parameters of the BLM system are discussed (like calibration, positioning, alarm level, etc.) and the response of the system to beam loss induced quenches with different time constants are analyzed.

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Track Classification: Quench levels and transient beam losses at HERA