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## **PS3-08 Turning of Electron Beam by Pyroelectric Crystals**

*Thursday, 9 October 2014 17:00 (1h 30m)*

Turning of non-relativistic electron beam in the transverse electric field created by pyroelectric crystals is shown experimentally for the first time. The angle of the beam bending is measured and the value of the transverse electric field is estimated. Prospects for application of pyroelectric crystals for steering of particle beams are discussed.

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