6th International "Hiroshima" Symposium on Development and Application of Semiconductor Tracking Detectors (STD6)

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(Oral)

Overview of silicon microstrip detectors

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Silicon microstrip detectors have been applied to small-scale detector systems close the interaction point and to large-scale systems for tracking volume. The former is to measure the vertex points of short-lived particles and the latter to identify the passage of the charged particles and to measure their momentum. Technologies and issues in the designs of the silicon microstrip detectors are reviewed.