Contribution ID : **381** Type : **Plenary/section talk**

Novelties in elementary particle gaseous detector technology

Friday, 14 October 2016 10:00 (30)

The evolution of gaseous detectors and their main characteristics are presented. The performance of various types of detectors and the main trends in the development of Micro-Pattern Gaseous Detectors are illustrated. The efforts in efficiently detect charged particles, neutrons, gamma and X-rays are described. The field of gaseous photon detectors is then described in details and the perspectives of future advances in gaseous detectors are discussed.

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Session Classification : Methods of experimental physics - plenary I

Track Classification : Methods of experimental physics