Конференц-зал ФИАН

26 апреля (вторник), в 11-00
Обзорная лекция

"Pixel detectors at the Large Hadron Collider and in other applications".

Professor Leonardo Rossi

Istituto Nazionale di Fisica Nucleare, Genova Italy

Pixel detectors have been used as vertex detectors in most of the Large Hadron Collider (LHC) experiments. Their truly 3D hit information, together with their efficiency, speed and radiation resistance make them ideal to reconstruct track and vertices in the harsh environment surrounding the LHC interaction regions. The most significant results obtained with these hybrid pixel detectors will be described and discussed. The success of this technology opens the way to larger and more sophisticated vertex detectors for the LHC upgrade program as well as applications in other scientific domains, like Medicine, Astrophysics and synchrotron radiation physics, where high rate x-ray detection matters.

Цикл приглашенных лекций ФИАН

Руководитель семинара - Н.Н. Колачевский тел. (499)132-61-85