

**Speaker: Dr. Zhijun Liang (University of California, Santa Cruz)**

**Time: 11:00 am, December 17, 2014**

**Place: Room B324**

**Organized by the Experimental Physics Division**

**Abstract:** I will present the recent progress in various projects of sensor research and development for ATLAS strip detector upgrade. I will discuss the first result of high-voltage CMOS sensor performance in strip detector upgrade application and also summarise the performance of conventional silicon strip sensors in high radiation environment. In addition, I will show the recent beam test result about the performance of the next generation ATLAS strip detector readout chip (ABCN130).

**Recent progress in silicon sensor development for ATLAS tracking detector upgrade**

***\*\*Food and drinks will be served after the seminar.\*\****

**EPD Seminar**