

**The 3th IOPP Seminar : Dr. Liu-pan An (安刘攀, 佛罗伦萨大学, INFN), Jan. 6, Monday, 10:00 am, Room 9409**

Speaker: Dr. Liu-pan An (安刘攀, 佛罗伦萨大学, INFN)

Title: B<sub>c</sub> physics at LHCb (LHCb 上 B<sub>c</sub> 介子的实验研究)

Abstract:

Experimental studies of the B<sub>c</sub><sup>+</sup> meson, which is the unique meson family composed of two different heavy flavor quarks, can reveal valuable information on the strong interaction. As a detector dedicated to heavy flavor measurements, the LHCb experiment has largely promoted the study of B<sub>c</sub><sup>+</sup> meson. In this talk, a brief review of the B<sub>c</sub> measurements performed at LHCb will be given, in particular the most recent results on its spectroscopy, production and newly discovered decay modes.