620th ASRC Seminar

Date：14：30 ～ 15：30 Friday, February 19

Location： KEK Tokai Campus No. 1 bldg.

Speaker： Dr. Marco Pappagallo
(University of Bari)

Title：Recent result of observation of exotic particles at LHCb

Abstract: The analysis of the full LHC Run I data set of proton-proton collision events collected with the LHCb detector, corresponding to an integrated luminosity of 3.0 fb^{-1}, is yielding several improved results on exotic hadron candidates, such as X(3872) and $Z(4430)^{+}$, as well as the first observation of two new states compatible with the pentaquark hypothesis. The status and latest results of the investigations into these exotic states will be presented.

なお、今回のセミナーは、第**48**回「原子核ハドロン物理セミナー」を兼ねております。また**KEK, J-PARC**素粒子原子核セミナーとの共催です。セミナー内容は**http://silver.j-parc.jp/hadron/hadron_seminar/index.html**でご覧になれます。

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