**Physics Seminar**

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*“Recent results on charm spectroscopy from LHCb experiment”*

**Abstract**

Charm spectroscopy has made relevant progress after the discovery, at B-factories, of several new charmed non-strange and strange states. The interest in this field comes from the fact that quark-model calculations do not agree well with the experimental findings, in particular on the evaluation of the mass of the particles and decay rates. Some of these new observed resonances have been proposed for being four-quark states. I will review the experimental status of charm spectroscopy, the new results from LHCb experiment and the prospects for obtaining new information from exclusive B decays.

**Friday, March 28, 2014**

**11:00 am**

**CEBAF Auditorium**