

Observation of Structures in the $J/\psi + \Phi$ Mass Spectrum at CMS

Tuesday

October 28

4 P.M.

Rm 415 NSH

Dr. Kai Yi
U Iowa / FNAL

In 2009, CDF reported evidence of an unexpected structure in the $J/\psi + \Phi$ mass spectrum via exclusive B decays. This structure does not match conventional charmonium expectations thus it is a candidate for exotic meson if it is confirmed. This talk reports the current experimental status of this structure from LHCb, CMS, D0 and Babar, and the focus is on the CMS observation result.