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## The $P_c(4450)$ pentaquark-like structure and triangle singularity

*Friday 2 September 2016 16:20 (20 minutes)*

We want to discuss the  $P_c(4450)$  pentaquark-like structure observed by the LHCb Collaboration in the  $J/\psi$  proton final states. We point out that it is located exactly at the  $\chi_{c1}$ -proton threshold, and coincides with the leading Landau singularity of the triangle loop  $\Lambda(1890)$ - $\chi_{c1}$ -proton. We also discuss the possibility of distinguishing a genuine resonance from the kinematical singularity.

### Summary

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