

# Diffractional Dissociation at COMPASS: $\pi^-$ to $(5\pi)^-$ at 190 GeV/c

*Saturday, 15 September 2012 09:30 (20 minutes)*

## Summary

The very first partial-wave decomposition of the  $(5\pi)^-$  system at COMPASS will be presented. We observe three new resonances,  $a_1(1900)$ ,  $a_1(2200)$  and  $\pi_2(2100)$ . Details of the analysis and the future prospects for the  $(5\pi)^-$  systems will be presented.

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**Session Classification:** Forward physics in Hadron-Hadron Collisions (II)

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