Type: Poster

## Shannon entropy and hadron decays

Tuesday 26 September 2017 20:45 (15 minutes)

How much information is added to the Review of Particle Physics when a new decay branching ratio of a hadron is measured and reported? This is quantifiable by Shannon's information entropy. It may be used at two levels, the distribution of decay-channel probabilities, and the distribution of individual quantum-state probabilities (integrating the later provides the former). We illustrate the concept with some examples.

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Session Classification: Poster session

Track Classification: Spectroscopy of mesons