

# Phenomenological study of the hadron correlation and fluctuation in relativistic heavy ion collisions

## Summary

The presentation is concentrated on the multiple correlations among the multiplicities of identified hadrons. We report our recent results of the correlation and fluctuation of identified hadrons in quark combination model. By comparing the predictions with existing and/or future experimental data of AA collisions at LHC and RHIC, we discuss how to test the model itself and obtain deep insights into the microscopic mechanism of hadron production at hadronization.

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