

XVth Quark Confinement and the Hadron Spectrum



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Fluctuation of conserved charges in heavy ion collisions, lattice QCD and phenomenological models

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I will review the latest fluctuation measurements of strangeness, charge and baryon number from LHC and RHIC, with a focus on results from the second beam energy scan at RHIC. I will confront the data with lattice QCD calculations at zero and small baryon densities and with phenomenological and holographic models at finite baryon densities.

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