Fluctuations of conserved quantities in heavy-ion collisions at high energies

Monday 3 February 2020 18:30 (30 minutes)

In this talk, several experimental observables used in heavy-ion collisions to probe the QCD phase diagram, such as net-baryon fluctuations and balance functions, will be reviewed, with emphasis on recent experimental results from ALICE and STAR. Important connections between the observables will be highlighted. Experimental challenges of their measurements will be discussed as well.

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