

The physics of heavy-ion collisions - recent insights and open questions

Wednesday, 3 December 2014 17:00 (45 minutes)

This talk will give an update of our understanding of the physics of the “Little Bang” – the explosive evolution of the hot and dense QCD matter created in heavy-ion collisions. Its collective flow, color opacity and brilliance in the electromagnetic spectrum will be discussed. Special emphasis will be given to new insights arising from the recent proton-lead run at the LHC and the Beam Energy Scan and U+U runs at RHIC. A list of important questions to be addressed by theory and additional heavy-ion measurements at RHIC and LHC will be formulated and explicated.

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