

Overview of recent Heavy Ion results from CMS experiment

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The CMS detector at the LHC was designed originally as a particle physics experiment but has performed exceptionally well in the high-multiplicity environment of heavy-ion collisions. Over the past decade, the CMS collaboration had delivered multiple ground-breaking results on quark-gluon plasma produced in such collision events. In this talk, I will review the recent CMS results from the Heavy Ion program, covering a wide range of topics, from bulk medium properties to tomographic probes. I will emphasize the new results from jets, heavy flavor, and quarkonia studies, and will close with an outlook for the future running and upgrades.

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