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Highlights from the heavy-ion program of the STAR and BRAHMS experiments at RHIC

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Relativistic Heavy Ion Collider (RHIC) is a versatile machine for studying the properties of matter created in high-energy nuclear reactions. RHIC provides collisions of various ion beam species over a wide range of energy. Therefore, it facilitates the investigation of properties of the system with quark and gluon degrees of freedom (the Quark-Gluon Plasma, QGP) and phase transition from the ordinary nuclear matter to the QGP, thus mapping the QCD phase diagram.

This talk will present the recent highlights from the heavy-ion programs of the STAR and BRAHMS experiments at RHIC.

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