Contribution ID: 393 Type: Plenary report

## Overview of heavy-ion results from CMS

Thursday 23 September 2021 11:40 (35 minutes)

Recently, CMS collaboration presented important results to widen our knowledge of Quark-Gluon-Plasma (QGP) state, known as the state of the early universe, by using high energy heavy ion collisions. In this presentation, I would like to introduce them and share the detailed news including hard and soft probes produced in the heavy ion collisions at  $\sqrt{s_{NN}}=5.02$  TeV and analyzed with Run ll data, corresponding luminosity to  $1.7 {\rm nb}^{-1}$ .

Primary author: MOON, Dong Ho (Chonnam National University (KR))

Presenter: MOON, Dong Ho (Chonnam National University (KR))

Session Classification: Plenary

Track Classification: Section 4. Relativistic nuclear physics, elementary particle physics and high-

energy physics.