## Quark Matter 2015 - XXV International Conference on Ultrarelativistic Nucleus-Nucleus Collisions



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## Role of chemical potential in the electromagnetic emission from quark gluon plasma

Tuesday 29 September 2015 16:30 (2 hours)

We use the phenomenological model to study the electromagnetic emission from quark gluon plasma with the effect of chemical potential. The chemical potential plays an important role in the enhancement of electromagnetic yield in heavy ion collision. We find that various processes significantly enhance the production rate. The results are compared with other works.

## On behalf of collaboration:

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