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# Soft probes of QGP

*Friday 2 December 2022 10:00 (15 minutes)*

By colliding heavy nuclei at ultrarelativistic energies in the Large Hadron Collider (LHC), the quark-gluon plasma (QGP) – a hot and dense medium in which partons are deconfined – is created. The properties of this new state of nuclear matter can be characterized, in particular, by studying low momentum (or "soft") particles (which constitue the majority of the created particles) and the physical processes involved in their production.

This presentation will highlight a set of measurements of the soft probes at the LHC.

## Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

## Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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