



# XXIV QUARK MATTER DARMSTADT 2014

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## Measurement of low-mass dielectrons in p-Pb collisions with ALICE

*Tuesday 20 May 2014 16:30 (2 hours)*

Low-mass dielectrons are an important probe for the hot and dense medium which is created in ultra relativistic heavy-ion collisions. Since leptons do not interact strongly, they carry information from all collision stages with negligible final state interaction. While pp collisions provide a reference measurement for a medium-free environment, the impact of cold nuclear matter effects on the dielectron characteristics can be estimated from p-Pb collisions.

In this poster the latest results of the dielectron measurements in minimum bias p-Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV with the ALICE detector are presented. The measured dielectron mass spectra will be compared to expectations from hadronic sources.

### On behalf of collaboration:

ALICE

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