

**ASP2014**

**Report of Abstracts**

Abstract ID : **121**

## Heavy ion experiments Part I II

### Abstract content

Status: The lecture will mainly focus on the experimental aspect of ultra-relativistic heavy ion collisions. In the lecture I will start by highlighting why we collide heavy ions, give an overview and history of heavy ion experiments. Basic kinematics and units will be introduced, followed by a re-cap of the QCD Phase Diagram, highlighting the regions covered by the relativistic high-energy accelerator facilities. Part 2 will focus on the experimental observables, followed by a selection of topics on the measurements, e.g. global observables, strangeness production, anisotropy and correlations, bulk particle production, high-pT and jet, quarkonia and heavy flavour production. Hopefully I will have enough to end the session with the importance of p-A measurements.

### Summary

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**Status:** SUBMITTED

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