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Jet measurements in p+Pb and Pb+Pb with the ATLAS Experiment at the LHC (15' + 5')

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Jets provide a powerful tool for probing the dynamics of the quark-gluon plasma created in Pb+Pb collisions at the LHC. The modification of high- p_T jets as they propagate in the quark-gluon plasma provides insight on structure of the plasma at short-length scale. Such modifications have been observed in a variety of measurements of single jet, dijet, photon-jet and charged-particle fragmentation functions. Recent results of modifications of jets in proton-lead and Pb+Pb collisions will be presented.

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Session Classification: Heavy Ions

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