Jet measurements with the ALICE experiment at the LHC

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Collisions of ultrarelativistic heavy ions at the LHC generate temperatures large enough for nuclear matter to exist as a deconfined state of quarks and gluons - a state known as the Quark-Gluon Plasma (QGP). Jets - high-energy partons produced in particle collisions - are excellent probes to study the properties of the QGP, where their modification provides key insights into the QGPs transport properties and energy dissipation mechanisms. In this talk, we summarise the status of jet measurements using LHC Run 3 data from the ALICE experiment - the experiment dedicated to measurements of heavy-ion collisions. Focus will be given to semi-inclusive and heavy-flavour jet measurements.