

# UM Physics Department

## Miami 2020 Physics Conference (Online)

**Name:** Enrico Fragiaco

**Title:** Highlights from the ALICE experiment at the LHC

**Abstract:**

An overview on the most recent results by the ALICE collaboration at the LHC is presented for both heavy-ion collisions (Pb--Pb and Xe--Xe) and small systems (pp and p--Pb). A broad range of topics is covered, which includes bulk particle observables and particle chemistry, heavy flavour and quarkonia production, jet-medium interaction and electromagnetic probes. Motivations and status of the ongoing upgrade of the ALICE detector are discussed.