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**Comparative Studies of MSGC and MSGC-GEM
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We describe laboratory and beam tests comparative measurements of identical MSGC and GEM-equipped MSGC's. Both kind of detectors have been tested under exactly the same conditions, using radioactive sources and muons beams. The principal aim of this comparative study was to evaluate the operating conditions for the same resulting gain. Results on efficiencies and spatial resolution are presented. Possible applications of GEM-equipped MSGC's in the LHC environnement and needed R&D studies will be discussed.