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The study of the dimuons production in the NA64 experiment.

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The main goal of the NA64 experiment is searching for sub-GeV dark matter production mediated by a dark photon A' or light dark boson Z' . Dimuons are used to check the accuracy of the Monte-Carlo simulation of the NA64 setup based on the Geant4 package. They also represent a background source in the dark sector search.

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