

Particle Physics at RWTH Aachen University

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The physics department of RWTH Aachen University has a long tradition in particle physics. Today, four institutes are active in this field, three in experiment and one in theory. A common focal point is LHC physics. All experimental institutes have contributed to the construction of the CMS experiment, mainly to the silicon tracker, muon system and computing, and are now analysing the data. Some groups have started R&D projects for the upgrade of the pixel, tracking and muon systems of CMS for SLHC. The institutes are participating in a number of other particle and astroparticle physics experiments as well. Among these are AMS, Auger, balloon-borne experiments, D0, and several neutrino experiments including IceCube and DoubleChooz. This talk will review the current activities and future plans.

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