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Radiation damage status of the ATLAS silicon strip detectors

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The Silicon microstrip detector system (SCT) of the ATLAS experiment at LHC has been working well for about 10 years since 2008. The innermost layer has already received a few times of **1013 1-MeV neutron-equivalent fluences/cm²**. The evolutions of the radiation damage effects on strip sensors such as leakage current and full depletion voltages will be presented.

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