

Simulation of moderated p-spray isolations with DIOS and TeSCA

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The electrical isolation between the ATLAS pixels plays an important role for the electric fields in the pixel sensors and has an influence on the spatial resolution.

The simulation programs Dios and TeSCA are used to simulate n-in-n and n-in-p sensors with different geometries and isolation parameters before and after irradiation to study their effects on the operating conditions.

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