

## Impact Parameters Simulation for the Turkish Accelerator Center Particle Factory Tracker System

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A silicon tracker system was designed for the Turkish Accelerator Center Particle Factory (TAC PF) detector to track relatively low momentum charged particles. The designed tracking detector system consists of five individual cylindrical barrel modules and each module has two parallel single-sided silicon strip detector planes assembled into carbon layers. This structure has already been published. In this work, Monte Carlo simulation technique has been used to estimate impact parameters of the designed tracker system. The preliminary parameterization results have been discussed.

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**Session Classification:** After dinner POSTER session, with drinks: (All presenters are requested/encouraged to attend their posters; All participants are requested to participate the session, with drinks!)

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