

Welcome to NICA days 2019 and IVth MPD Collaboration Meeting in Warsaw



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Heat transfer simulation of the MPD-TPC detector

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The main task was to make temperature simulations for MPD-TPC detector. Model of ROC from MPD-TPC detector was made in line with actual dimensions of real model in Autodesk Inventor program. Whole model was drawn with all PCBs and cooling system. Then thanks to Autodesk CFD program were carried out calculations of model in temperature domain in case of temperature change gradient examination.

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