Contribution ID: **85**   Type: **Physics data analysis for the MPD and BM@N experiments, including Monte-Carlo models**

Integration of the Therminator model with the MpdRoot environment

THERMal heavy-IoN generATOR (Therminator) is a model of Monte Carlo event generator for simulating collisions of heavy particles. The code is written in the object-oriented c++ language. In the MpdROOT environment simulations were launched for one and two events. Small code changes have been made to improve Therminator efficiency. Work is underway on the proper functioning of it on the Cluster. There are plans for the future to optimization of MpdTherminatorGenerator source and header file.

Author: MIKOŚ, Robert

Presenter: MIKOŚ, Robert

Track Classification: Slow Control System 2019