



Contribution ID : 752

Type : Oral talk

12 years of HYDJET++ generator: history and the latest results

Thursday, 8 October 2020 12:00 (15)

It has been dozen years since HYDJET++ Monte-Carlo event generator for the simulation of relativistic heavy ion collisions was developed. Now the generator is widely used for the simulation of nucleus-nucleus interactions from NICA to LHC energies. The model calculations on soft and hard probes of quark-gluon plasma (including collective flow, different kinds of particle correlations, jets, charmed mesons, etc.) agree well with the experimental data. In this talk the selected main results and the very new ones will be presented.

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Session Classification : Heavy Ion Physics

Track Classification : Heavy Ion physics