

REPORT on «Separators»

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The first experimental facility of the superheavy (SHE) factory will be the gas-filled Separator called DGFRS-2 one of the world-class facility being the basis at the Flerov Laboratory of Nuclear Reactions (FLNR) to study the synthesis of SHE.

Several times scientific presentations on Separators have been highly appreciated by the Nuclear Physics PAC of JINR. The forthcoming success of the DGFRS-2 project is garanted to be a best way for the production and/or synthesis of heavy/superheavy elements with high rates.

The description and the status of DGFRS-2 is very brief but all the essential points are mentioned.

In conclusion, as the main results obtained in 2017-2018 appear to be satisfactory and whereas both the requested ressources and the time schedules of the Project Separators is quite reasonable, the scientific programme that is proposed for the 2019-2021 period appears to be very promising. I do recommend full support of the Nuclear Physics PAC.



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January 8, 2018