

Report of the Reviewer about continuation of the theme

“Dubna International Advanced School of Theoretical Physics (DIAS –TH)” at the BLTP, JINR
(01-3-1117-2014/2018)

The theme will continue the widely recognized scientific and research project DIAS-TH. It is aimed at further strengthening of the educational component at JINR and attracting young scientists to research.

For the educational process to be effective, it is very important that young people could have a long contact with the actively working scientific groups, and the Laboratory of Theoretical Physics has all the potentialities.

The DIAS-TH activity is focused on the main lines of research at the Laboratory: particle physics, nuclear theory, condensed matter theory, modern mathematical physics, as well as on the JINR experimental programs.

Annually, 3-4 schools and a workshop are organized, including the schools on heavy ion collisions:

- School “Dense Matter” (2015);
- School “Heavy-Ion Physics: from LHC to NICA (2017) .

The subject of these schools is tightly connected with the NICA project. The lecturers of these schools were theorists and experimenters involved in the project. Noteworthy also are the School and Workshop on Calculations for Modern and Future Colliders (2015) which are especially urgent in connection with researches at the LHC.

Participants of the schools were students, post-graduates and young researches from JINR and other countries. The Schools were supported by JINR, NRU HSE, Helmholtz Association, RFBR, DFG, DAAD.

The lectures and other materials of Schools and Workshops can be found on the site of DIAS-TH: <http://theor.jinr.ru/~diastp/diasth/>

I would like to note the high level of organization of the schools, lecture courses and seminars for young scientists and a significant role of the theme in the development of the educational program at JINR.

I recommend to the PAC to continue the theme “Dubna International Advanced School of Theoretical Physics (DIAS-TH)” for execution until the end of 2023.

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