

India-JINR workshop on elementary particle and nuclear physics, and condensed matter research

Contribution ID: 44

Type: **not specified**

Research activities at BHU and with JINR, Dubna

Wednesday, 18 October 2023 14:50 (20 minutes)

Presently, a group of seven PhD students is working with me and they all are working on different nuclear research programmes. We are working on surrogate reaction studies, fusion-fission studies, Neural networks in nuclear physics as well as neutron and alpha cross-section studies with covariance analysis.

Extensive work was done under Indo Russian bilateral research programme funded by the Department of Science and Technology, Govt of India. BHU group participated actively in the TANGRA establishment at JINR,

Dubna and co-authored more than a dozen papers in reputed journals. A group of PhD students from JINR, Dubna also visited BHU in October 2019 and presented their research work in international conference on nuclear physics. The details about the research work and future possibilities will be shared during the workshop.

Primary author: KUMAR, Ajay (Banaras Hindu University, Varanasi)

Presenter: KUMAR, Ajay (Banaras Hindu University, Varanasi)

Session Classification: Section 3