

New trends in nuclear physics detectors

October 25 - 27, 2021

First Circular

The first „New trends in nuclear physics detectors“ workshop NTNPD-2021 will be held at the Heavy Ion Laboratory, the University of Warsaw, on 25 and 27 October 2021. The workshop aims to gather together scientists and engineers working in fundamental physics areas with a common background in experimental nuclear techniques and detectors.

The workshop will focus on the recent developments and the overview of the current progress in active target TPCs, solid-state (semiconductors, scintillators, etc.), and gaseous detectors (PPACs, TPCs, etc.) dedicated for application in low energy nuclear reactions with radioactive ion beams. The scientific program will have dedicated sessions to outline recent results with RIBs studies, experimental techniques, detector developments at JINR, and collaborating institutes, to discuss scientific plans and perspectives for common experiments. The experts from the FUW, UW, Warsaw developing the OTPC and e-TPC detection techniques will be invited.

Experts interested in the NTNPD-2021 topics are invited to participate in the workshop with oral presentations. Students and Ph.D. students are welcome to attend with oral as well as with poster presentations.

The workshop will be organized jointly by the Flerov Laboratory of Nuclear Reactions, Joint Institute of Nuclear Research, Heavy Ion Laboratory, Physics Faculty of the University of Warsaw, Institute of Nuclear Physics, Polish Academy of Sciences, and Opava University.

A conference fee will be around 150 EUR, which covers workshop materials, coffee breaks, welcome reception, and conference dinner. There is no conference fee for students.

More details will be announced in the second circulars. Any new ideas/proposals to complete the program are very welcome.

CONTACT:

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