

# **Executive Summary of the 72<sup>th</sup> Board Meeting of the EPS Nuclear Physics Division Dubna, Russia, 27-28 September 2016**

The one-day mini-workshop on the current status and scientific perspectives of JINR was very interesting and informative to the EPS-NP board. The JINR Director, Victor Matveev, opened the workshop, giving an impressive overview of the recent developments of JINR. An exhaustive presentation was made by Y. Oganessian on the low energy heavy ion physics at JINR and in particular on the discovery of new heavy elements, in which JINR has played a major role. The most important ongoing project of JINR, the Nuclotron-based Ion Collider Facility (NICA) which will study the new phases of high density baryonic matter, was presented by V. Kekelidze. The heavy ion program at NICA is foreseen to start before 2020 with a Multi-Purpose Detector (MPD) currently under construction. The polarized beam research program is scheduled. Other important fields of JINR research, like nuclear theory, neutron nuclear physics, reactor neutrino physics and applied nuclear physics were also discussed. Important activities of the PNPI NRC Kurchatov Institute at Gatchina (RU), with a neutron spallation source, and at NRC Kurchatov Institute Moscow (RU), were presented as well. The workshop was completed by a visit to many working facilities of JINR, including the Cyclotron complex, the neutron pulse reactor IBR-2, the Intense resonance neutron source IREN, the Nuclotron, the Phasatron for medical therapy, and some of those under construction like NICA and the Super-Heavy Element factory SHE.

The procedure for the nomination of the chair-elect and the board secretary took place and NB was elected to be the chair-elect of the EPS NPD board for one year starting from 2017-01-01 and PS was elected to be the secretary of the EPS NPD board for two years starting from 2017-01-01.

At the meeting the board strongly stated that it is very important that as many as possible of the board members attend the board meetings. The dates of the next meeting are decided about 6 months in advance and therefore it must be possible to make sure that those days are reserved for the board meeting

The draft version of the NuPECC LRP is already quite advanced. There will be a NuPECC town meeting 7-10 Jan 2017 in Darmstadt at which the LRP will be presented and where the final recommendations will be discussed.

A workshop, to celebrate the 2016 LM Prize winner Ulf-G. Meißner, will be organised in Jülich 7-9 Nov 2016. The plan regarding this prize is the following.

The call for nominations of IBA Prize will be published in various places during the period October to December 2016. The deadline for the nominations will be 15th January 2017. The IBA Prize committee will evaluate the nominations during the spring 2017 and suggest the prize winner(s) at the spring 2017 board meeting. At this meeting, a suitable occasion for the prize ceremony will be discussed.

The plan concerning the PhD prize is the following. The deadline for applications will be in January 2018. The prize committee will evaluate the applications during the spring 2018 and suggest the

winner(s) of the prize at the spring 2018 board meeting. The prize ceremony will take place at the EuNPC2018.

The final version of the Cultural Heritage report (about 90 pages) has now been produced. The board congratulated AM, DMG, the other editors and the EPS graphic designer Xavier d'Araujo, for the very impressive and nice work done to produce this report.