

Welcome to NICA days 2017 in Warsaw



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Prospects of dilepton measurements at the NICA-MPD

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Abstract:

An excess of dileptons has been observed from the top RHIC energies of $\sqrt{s_{NN}} = 200$ GeV down to the lowest SPS energies of $\sqrt{s_{NN}} = 9$ GeV. The NICA facility under construction will allow to push the measurement of dileptons to much lower energies and to establish the onset of the low-mass excess related to chiral symmetry restoration and of the intermediate mass excess related to the QGP thermal radiation. I shall review the potential, challenges and prospects of these measurements.

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