

General discussion-4

Discussion leader Vladimir Soloviev (NRCKI-LogunovIHEP)

Prof. Alexander Studenikin

Electromagnetic properties of neutrino

Mr Anatoli Butkevich

Semi-exclusive cross sections for charged-current quasi-elastic and neutral-current elastic neutrino scattering off ^{40}Ar and a sterile neutrino oscillation study

Prof. Alexander Silenko

Effects of interactions of axion-like dark matter with SM particles

Prof. Elena Arbuzova

Superheavy dark matter in R^2 -modified gravity

Prof. Vladimir Saleev

Challenges and problems in charmonium production at the SPD NICA

Sergey Slabospitsky

Top quark physics

Prof. Nikolay Krasnikov

Nonlocal gravity. Several aspects

Prof. Mohamed Arbab

Conformal scalar and spinor fields in curved space

Prof. Jorge Pullin

Spherically symmetric loop quantum gravity

Prof. Alexander Dolgov

Black Dark Matter and Antimatter

Philip Mannheim

Normalization of the vacuum and the ultraviolet completion of Einstein gravity

Prof. Leslaw Rachwal

Quantum Conformality or Asymptotic Safety in Higher Derivative Gravitational Theories