PREFACE: XXth International Seminar on High Energy Physics “Quarks-2018”

“Quarks-2018” was the jubilee twentieth in the series of seminars taking place biennially since 1980 in various cultural places of Russia (http://quarks.ru). It was held in Valday, a small town near Veliky Novgorod, from May 27 to June 2, 2018. This year the Seminar was co-organized by the Institute for Nuclear Research of the Russian Academy of Sciences (Moscow) and Joint Institute for Nuclear Research (Dubna). The Seminar gathered around 200 physicists from the leading scientific centers.

The program of the Seminar was fairly broad, with topics covering
– physics beyond the Standard Model (rare processes, Higgs phenomenology, exotica);
– cosmology and astroparticle physics, in particular, axion-like and ultra-light dark matter;
– gravity and its modifications (including Lorentz and NEC violation, ghosts, etc.);
– neutrino physics;
– quantum chromodynamics, strong interactions;
– AdS/CFT phenomenology;
– aspects of mathematical physics;
– selected experimental results.

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