

## **PREFACE: “Quarks-2016”, 19th International Seminar on High Energy Physics**

This publication of Proceedings of “Quarks-2016”, the 19<sup>th</sup> International Seminar on High Energy Physics, is a collection of refereed papers presented at plenary and section sessions. Complete set of written contributions can be found online at EPJ web of Conferences Publishing website.

This Seminar aimed at bringing together people working in various areas of theoretical high energy physics, cosmology, astrophysics and experimental physics. It took place in Pushkin, Saint-Petersburg region (Russia) from May 29 to June 4, 2016 ( <http://quarks.inr.ac.ru>). It was organized by Institute for Nuclear Research of the Russian Academy of Sciences, Joint Institute for Nuclear Research, Dubna; Petersburg Nuclear Physics Institute of NRC "Kurchatov Institute", Gatchina; Saint-Petersburg State University, Peter the Great Saint-Petersburg Polytechnic University and Saint-Petersburg Scientific Center of the Russian Academy of Sciences.

Topics covered at “Quarks-2016” are: physics beyond the Standard Model at colliders and in rare processes; Higgs phenomenology; cosmology and astrophysics as related to particle physics; modern field theory and selected aspects of mathematical physics; quantum chromodynamics and strong interactions; ultra-high energy cosmic rays; selected experimental results.

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