

*The present issues are dedicated
to the 110-th anniversary
of great scientist M.M. Bogolyubov,
founder and first director of BITP*

CONTENTS

Editorial Foreword	541	<i>Van Hulse C.</i> Central Exclusive Production at LHCb	595
Experiment			
<i>Aushev V.</i> Charm and Beauty Production Cross-Section Measurements in Deep Inelastic Electron-Proton Scattering at HERA	543	<i>Kovalenko O.</i> Neutral Meson and Direct Photon Measurements with the ALICE Experiment	602
<i>Bozzo E., Amati L., O'Brien P., Götz D.</i> The Transient High-Energy Sky and Early Universe Surveyor	548	<i>Lymanets A.</i> The Silicon Tracking System of the CBM Experiment at FAIR	607
<i>Cieśla K., Staszewski R., Chwastowski J.J.</i> On the Centrality Determination with Forward Proton Detectors	554	<i>Nosek T.</i> Results on Neutrino and Antineutrino Oscillations from the NOvA Experiment	613
<i>Dittert D.</i> Electromagnetic Radiation from Au + Au Collisions at $\sqrt{s_{NN}} = 2.4$ GeV Measured with HADES	560	<i>Pugatch V.</i> Heavy-Ion and Fixed-Target Physics in LHCb	619
<i>Fionda F.</i> Quarkonium Production Measurements with the ALICE Detector at the LHC	566	<i>Rostomyan T.</i> Status of the MUSE Experiment	624
<i>Fraenkle F.M.</i> The Neutrino Mass Experiment KATRIN	573	<i>Rymbekova A.</i> Study of the Polarized Gluon Structure of a Proton via Prompt-Photon Production in the SPD Experiment at the NICA Collider	631
<i>Gornushkin Yu.</i> Study of Tau Neutrino Production in Proton Nucleus Interactions	577	<i>Schever M.</i> Status of the Jiangmen Underground Neutrino Observatory	635
<i>Harabasz S.</i> Exploring Baryon Rich Matter with Heavy-Ion Collisions	583	<i>Schmidt M.</i> The PANDA Detector at FAIR	640
<i>Horváth D.</i> Tests of the <i>CPT</i> Invariance at the Antiproton Decelerator of CERN	589	<i>Valiño I.</i> The Pierre Auger Observatory: Studying the Highest Energy Frontier	646
		<i>Vorobel V.</i> Latest Results from Neutrino Oscillation Experiment Daya Bay	653
		Authors Index	660