

**PROJECTS THAT HAVE NON-CONFORMITY
PROCEDURE OF THEIR PASSING AT THE PAC
AS PROPOSED BY VBLHEP DIRECTORATE**

Elementary Particle Physics and Relativistic Nuclear Physics (02)

№№ nn	Lab. or all-JINR theme	Theme code Theme name Projects (timescales) Recommendations of the PACs	Priority in 2019	Theme (project) leader	Proposals of the Lab. Science and Technology Council (STC)
1.	VBLHEP	<p>CBM (2011–2020)</p> <p>The project under the theme 02-1-1106-2011/2022 Investigations of Compressed Baryonic Matter at the GSI Accelerator Complex</p>	<p>1</p> <p>I</p>	<p>V. Ladygin V. Ivanov</p> <p>V. Ladygin V. Ivanov <i>Deputy:</i> O. Derenovskaya</p>	<p>Rescheduling obligatory submission of the project from the PAC in June-July 2020 to the PAC in January 2021, extension proposed.</p>
2.	All-JINR theme	<p>Upgrade of the CMS detector (2013–2020)</p> <p>The project under the theme 02-0-1083-2009/2022 CMS. Compact Muon Solenoid at the LHC</p>	<p>1</p> <p>I</p>	<p>A. Zarubin I. Golutvin</p> <p>A. Zarubin <i>Scientific leader:</i> I. Golutvin</p>	<p>Rescheduling obligatory submission of the project from the PAC in June-July 2020 to the PAC in January 2021, completion to be shifted.</p>
3.	All-JINR theme	<p>Nuclotron-NICA (2011–2020)</p> <p>The project under the theme 02-0-1065-2007/2023 NICA Complex: Design and Construction of the Complex of Accelerators, Collider and Physics Experimental Facilities at Extracted and Colliding Ion Beams Aimed at Studying Dense Baryonic Matter and the Spin Structure of Nucleons and Light Ions, and at Carrying out Applied and Innovation Projects</p>	<p>1</p> <p>I</p>	<p>A. Butenko G. Khodzhbagiyev <i>Scientific leader:</i> I. Meshkov</p> <p>V. Kekelidze A. Sorin <i>Deputy:</i> A. Kovalenko I. Meshkov Yu. Potrebenikov</p>	<p>Rescheduling obligatory submission of the project from the PAC in June-July 2020 to the PAC in January 2021, extension proposed.</p>
4.	VBLHEP	<p>R&D for the ALICE photon spectrometer (2012-2020)</p> <p>The project under the theme 02-1-1088-2009/2022 ALICE. Study of Interactions of Heavy Ion and Proton Beams at the LHC</p>	<p>1</p> <p>I</p>	<p>A. Vodopyanov</p> <p>A. Vodopyanov</p>	<p>Rescheduling obligatory submission of the project from the PAC in June-July 2020 to the PAC in January 2021, completion to be shifted.</p>

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5.	VBLHEP	<p>E&T&RM (Energy & Transmutation, radiation materials science) (2018–2020)</p> <p>The project under the theme 02-1-1107-2011/2021 Development and Construction of the Prototype of a Complex for Radiotherapy and Applied Research with Heavy-Ion Beams at the Nuclotron-M</p>	<p>1</p> <p>I</p>	<p>S. Tyutyunnikov</p> <p>S. Tyutyunnikov</p>	<p>Rescheduling obligatory submission of the project from the PAC in June-July 2020 to the PAC in January 2021, completion to be shifted.</p>

A. Sorin
Chief Scientific Secretary