

## Problems of the Modern Mathematical Physics – PMMP'25

10-14 February 2025, Dubna

February 11, Tuesday	Chairmen: <b>10:00-13:30 – Armen Nersessian</b> <b>15:00-16:15 – Anton Galajinsky</b> <b>16:45-18:45 – Sergey Fedoruk</b>
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10:00-10:45	<b>Anton Galajinsky</b> Rational Ruijsenaars-Schneider model with cosmological constant
10:45-11:30	<b>Dmitri Bykov</b> Matrix quantum mechanics and index theorems
11:30-12:00	<i>Coffee break</i>
12:00-12:45	<b>Andrey E. Mironov</b> Tyurin parameters and commuting difference operators of rank 2
12:45-13:30	<b>Ronggen Cai</b> The interior structure of hairy black holes
13:30-15:00	<i>Lunch</i>
15:00-15:45	<b>Sergey Vernov</b> New slow-roll approximations in modified gravity inflationary models
	<b>Ekaterina Pozdeeva</b> Reconstruction of inflationary scenarios in EGB gravity
15:45-16:15	<b>Bin Chen</b> On Carrollian conformal field theory
16:15-16:45	<i>Coffee break</i>
16:45-17:15	<b>Song He</b> Geometric Formulation of Generalized Energy Momentum Tensor induced Deformations
17:15-17:45	<b>Alexey Sleptsov</b> Алгебра Вожеля и ее приложения к теории инвариантов узлов
17:45-18:05	<b>Dmitry Khudoteplov</b> Универсальность Вожеля и диаграммная техника
18:05-18:25	<b>Nikita Tselousov</b> Matrix models and algebras
18:25-18:45	<b>Liudmila Bishler</b> Universal quantum and Macdonald dimensions