



# LXXII International conference "Nucleus-2022: Fundamental problems and applications"

## Wednesday 13 July 2022

**Synchrotron and neutron radiation sources and their use in scientific and applied fields - НИИЯФ, ЮК, Ц-05**

**(15:00-16:40)**

**-Conveners: A Shemukhin**

time	[id] title	presenter
15:00	[210] Studying neutron spectrum of photoneutron source of INR RAS	AFONIN, Alexey
15:20	[52] SYLA – RUSSIAN 4TH GENERATION SYNCHROTRON	DYUBKOV, Vyacheslav
15:40	[58] ROLE OF POLARIZATION IN THE MULTIPLE IONIZATION BY AN INTENSE RADIATION	GRYZLOVA, Elena
16:00	[143] ATOMIC K-SHELL DOUBLE HOLE CREATION DUE TO ELECTRON CAPTURE AND PHOTOIONIZATION	Mr KISELEV, Maksim
16:20	[160] THE PRESSURE EFFECT ON CRYSTAL AND MAGNETIC STRUCTURES OF VAN DER WAALS MATERIALS	LIS, O.N.

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**(17:10-18:50)**

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time	[id] title	presenter
17:10	[85] DIFFERENCE BETWEEN DISTRIBUTIONS OF INTERMEDIATE AND SLOW NEUTRON FLUX FROM PHOTONEUTRON SOURCE EXIT CHANNEL	POTASHEV, Stanislav
17:30	[161] NEUTRON TOMOGRAPHY AND DIFFRACTION IN THE STUDY OF THE CULTURAL HERITAGE OF ANTIQUITY AND THE MIDDLE AGES	BAKIROV, Bulat
17:50	[399] Study of extraction system "N,O-donor heterocyclic amide/europium nitrate" by EXAFS and <sup>1</sup> H-NMR spectroscopy.	STAROSTIN, Leonid
18:10	[476] ACCELERATOR BASED NEUTRON SOURCE VITA	TASKAEV, Sergey