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# The 7th international conference on particle physics and astrophysics

## Tuesday 22 October 2024

### Plenary: Plenary talks - Petrovskiy hall (12:10-13:55)

-Conveners: Alexander Vasiliev

time	[id] title	presenter
12:10	[102] Status of the BM@N experiment at NICA/Nuclotron	Dr. KAPISHIN, Mikhail
12:45	[175] Status of the MPD experiment at NICA	PARFENOV, Peter
13:20	[334] SPD experiment at NICA collider: status and outlooks	KIM, Victor Prof. KIM, Victor

### Plenary: Plenary talks - Petrovskiy hall (15:00-17:00)

-Conveners: Mikhail Skorokhvatov

time	[id] title	presenter
15:00	[295] Polarization experiment SPASCHARM at U70 accelerator complex	MOCHALOV, Vasili
15:30	[41] Recent results on kaon physics from the OKA experiment	Prof. OBRAZTSOV, Vladimir
16:00	[335] Applied research at NICA facility: Status of ARIADNA infrastructure and related scientific programme	BELOV, Oleg
16:30	[336] Astronomy of ultrahigh energy cosmic rays	Prof. FARGION, Daniele

## Wednesday 23 October 2024

### Plenary: Plenary talks - Petrovskiy hall (12:00-14:00)

**-Conveners: Konstantin Belotsky**

time	[id] title	presenter
12:00	[131] Galactic center shadows: beyond the standard model	Prof. ZAKHAROV, Alexander
12:30	[337] Seeding of cosmic structures in contemporary and young universe	DOLGOV, Alexander DOLGOV, Alexander
13:00	[338] Beyond The Standard Model in Multi-messenger astrophysics	Prof. ADDAZI, Andrea
13:30	[339] The Javalambre Physics of the Accelerating Universe Astrophysical Survey. Current Status and Early Data Release	Prof. DUPKE, Renato

### Plenary: Plenary talks - Petrovskiy hall (15:00-16:30)

**-Conveners: Yury Kudenko**

time	[id] title	presenter
15:00	[161] Neutrino astronomy at Lake Baikal	ZABOROV, Dmitry
15:30	[340] Experiment SABRE	Prof. IANNI, Aldo
16:00	[341] Neutrino physics - Review of selected topics	Prof. KUTTER, Thomas

# Thursday 24 October 2024

## **Plenary: Plenary talks - Petrovskiy hall (12:00-14:00)**

**-Conveners: Alejandro Ayala**

time	[id] title	presenter
12:00	[343] Circular Electron Positron Collider: status and prospects	Dr. RUAN, Manqi
12:30	[328] Recent Belle II results	PAKHLOV, Pavel
13:00	[184] Muonography based on emulsion detectors in Russia	Prof. POLUKHINA, Natalia
13:30	[345] Russian high-speed (up to 1000 MS/s) multichannel digitizers	BREDIKHIN, Ivan

## **Plenary: Plenary talks - Petrovsky hall (15:00-16:30)**

**-Conveners: Pavel Pakhlov**

time	[id] title	presenter
15:00	[346] ATLAS+CMS physics highlights	Dr. EGOROV, Anatolii
15:30	[347] Effective field theories and search of New Physics beyond the standard model	Prof. BOOS, Eduard
16:00	[348] Recent nonperturbative insights into the QCD coupling and confinement: The holographic light-front perspective	Prof. DE TERAMOND, Guy

## Friday 25 October 2024

### **Plenary: Plenary talks - Petrovskiy hall (Petrovskiy 1) (14:30-16:00)**

**-Conveners: Mikhail Mamaev**

time	[id] title	presenter
14:30	[106] Recent heavy ion results from LHC experiments	PETRUSHANKO, Sergey
15:00	[53] Highlights from STAR beam energy scan II program	APARIN, Alexey
15:30	[342] Recent progress in heavy-ion physics: A theoretical review	AYALA, Alejandro