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# IV international conference on particle physics and astrophysics

## Monday 22 October 2018

### Plenary: 1 - Alekseevskiy hall (13:45-15:40)

-Conveners: Mikhail Skorokhvatov

time	[id] title	presenter
13:45	[564] Theoretical overview for high energy physics	Prof. ANTONIADIS, Ignatios
14:30	[384] Beyond Standard Model searches by ATLAS and CMS	ERDMANN, Johannes
15:05	[305] Long-lived particle searches by ATLAS and CMS	TEYSSIER, Daniel

## Tuesday 23 October 2018

### **Plenary: 2 - Alekseevskiy hall (11:30-13:00)**

**-Conveners: Alexander Vasiliev**

time	[id] title	presenter
11:30	[565] XFEL Scientific program	Dr. MOLODTSOV, Serguei
12:00	[459] A U.S.-Based Electron-Ion Collider	GUZEY, Vadim
12:30	[566] ATLAS detector upgrade	Dr. STANECKA, Ewa

### **Plenary: 3 - Alekseevskiy hall (14:30-16:15)**

**-Conveners: Mikhail Skorokhvatov**

time	[id] title	presenter
14:30	[569] Searches for sterile neutrinos at reactors	Prof. DANILOV, Mikhail
15:05	[568] Rare Decay Search with Scintillating Monocrystals Operating at mK temperature	KIM, Yeongduk
15:40	[292] Double beta decay experiments: status and prospects	Mr. SCHWINGENHEUER, Bernhard

## Wednesday 24 October 2018

### Plenary: 4 - Alekseevskiy hall (11:30-13:05)

-Conveners: Mikhail Skorokhvatov

time	[id] title	presenter
11:30	[574] AMS status and physics results	Prof. TING, Samuel C.C.
12:30	[570] Physics at LHCb	KROKOVNY, Pavel

### Plenary: 5 - Alekseevskiy hall (14:15-15:45)

-Conveners: Sergey Rubin

time	[id] title	presenter
14:15	[571] Gravitational waves	Prof. CARDOSO, Vitor
14:45	[478] Identity of the supermassive black hole at the Galactic Center	Prof. DOKUCHAEV, Vyacheslav
15:15	[559] Gravity theory tests with observations of stars near the black hole at the Galactic Center	Prof. ZAKHAROV, Alexander

# Thursday 25 October 2018

## Plenary: 6 - Alekseevskiy hall (14:00-16:00)

**-Conveners: Ilya Selyuzhenkov**

time	[id] title	presenter
14:00	[572] FAIR Scientific Program	Prof. GIUBELLINO, Paolo
14:30	[573] Heavy-ion Physics at LHC	Dr. ARSENE, Ionut Cristian
15:00	[496] STAR Highlights and Future	Mr. NIGMATKULOV, Grigory
15:30	[299] NA61/SHINE experiment at CERN SPS: Recent results, current status and perspectives	Prof. BRZYCHCZYK, Janusz

## Friday 26 October 2018

### Plenary: 7 - Alekseevskiy hall (12:00-12:35)

-Conveners: **Sergey Rubin**

time	[id] title	presenter
12:00	[340] Measurements of the Higgs boson by ATLAS and CMS	TSUKERMAN, Ilya (Ilia)

### Plenary: 8 - Alekseevskiy hall (14:00-15:05)

-Conveners: **Alla Demyanova**

time	[id] title	presenter
14:00	[575] Boiling QCD in supernova explosions and binary mergers	Prof. BLASCHKE, David
14:35	[268] "Clusterization in heavy cold nuclei"	PYATKOV, Yuri