



# International Round Table on Applied Research and Innovations @ NICA

## Thursday, 16 September 2021

### **Radiation Materials Science and Radiation Hardness: Solicited Talks by Invited Experts (Panel 1) - Conference Hall**

**(10:05 - 11:45)**

time	[id] title	presenter
10:05	[17] Material science with MeV-GeV heavy ions: experimental challenges and applications	TRAUTMANN, Christina
10:30	[18] Testing radiation effects on microelectronics by using heavy ions	PACCAGNELLA, Alessandro
10:55	[19] The modelling of nuclear planetology space experiments using NICA complex	LITVAK, Maksim
11:20	[20] Current and perspective URSC – ISDE activities in radiation hardness assurance of electronic devices and biological organism reaction to heavy ion irradiation	KOZIUKOV, Aleksandr

### **Radiation Materials Science and Radiation Hardness: Solicited Talks by Invited Experts (Panel 2) - Conference Hall**

**(11:55 - 13:35)**

time	[id] title	presenter
11:55	[21] ESA strategy on radiation testing capabilities	PESCE, Anastasia
12:20	[22] Single event effects hardness assurance of electronic devices using new and existing testing facilities	SMOLIN, Anatoly
12:45	[23] Swift heavy ion tracks in solids and development of nano- and microstructured functional materials	APEL, Pavel
13:10	[24] Research of radiation resistance of sensors, detectors and materials for NICA collider at irradiation facility of the IBR-2 reactor	BULAVIN, Maxim