

Key acceleration technologies in heavy-ion physics.

14:00-14:30 G. Trubnikov **25' +5'**

IV. Objectives of a new Seven-Year Plan **14:30-14:45** Yu. Oganessian **15'**

a) Prospects for the investigation of exotic nuclei structure and nuclear reactions using high precision beams of radioactive ions.

14:45-15:15 A. Fomichev **25' +5'**

b) Development of an efficient linear accelerator for production of high-quality radioactive nuclei beams of variable energy.

15:15-15:45 S. Polozov (*Moscow Engineering Physics Institute*) /

T. Kulevoy (*NRC KI - Institute of Theoretical and Experimental Physics*) **25' +5'**

Coffee break 15:45-16:05 **20'**

V. Setting course for new horizons. **16:05 -16:25** Yu. Oganessian **20'**

a) Electron-Ion Collider. Scientific programme. Keys aspects.

16:25-16:45 L. Grigorenko **15' +5'**

b) The use of an electron-ion collider for nuclear structure studies.

16:45-17:05 Haik Simon (*GSI*) **15' +5'**

c) Possible physics program at a low-energy storage ring.

17:05 PM-17:25 Yuri Litvinov (*GSI*) **15' +5'**

d) Project review on electron-ion collider for FAIR.

17:25-17:45 P. Shatunov (*Budker Institute of Nuclear Physics*) **15' +5'**

e) The electron-ion collider using crystalline ion beams.

17:45-18:05 I. Meshkov **15' +5'**

Discussion on possible development of a high-luminosity electron-ion collider.

18:05-18:30 E. Levichev, V. Parkhomchuk, I. Meshkov,

Yu. Shatunov and others. **25'**

Moderator B. Sharkov.

RECEPTION (18:30 – 21:00)