



## **LABORATORY OF INFORMATION TECHNOLOGIES**

**Dear colleagues,**

*We would like to invite you to take part in a seminar dedicated to the 90<sup>th</sup> anniversary of N.N. Govorun. It will be held on 16 September 2020 at 11:00 in person (by invitation) and online (via video conferencing).*



### **Preliminary program of the seminar**

#### **11.00 Memorial seminar**

Welcome speeches by the Directorate of LIT and JINR

Guest speeches

#### **13.30 Break**

#### **15.00 Scientific seminar**

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|---|-----------------------------------|
| “Govorun” supercomputer for JINR tasks  | D.V. Podgainy (LIT)               |
| Lattice QCD simulation on the “Govorun” supercomputer   | V.V. Braguta (LTP, ITEP)          |
| Computing for the MPD experiment  | O.V. Rogachevsky (VBLHEP)         |
| Neural network approach for the tasks of high energy physics                                    | G.A. Ososkov (LIT)                |
| Machine and deep learning algorithms for the tasks of radiation biology                         | A.V. Stadnik (LIT)                |
| Organizing work with Big Data on the “Govorun” supercomputer                                    | A.A. Moskovsky (RSC Technologies) |
| Platform for stream and batch processing of Big Data on the example of network traffic analysis | I.S. Kadochnikov (LIT)            |
| Overview of methods for intellectual processing of texts in socio-economic applications         | S.D. Belov (LIT)                  |
| On the way from virtual computing to virtual data processing                                    | A.B. Degtyarev (SPbU)             |

More information on the seminar and the link to connect via **Webex** are available at Indico:

<https://indico-hlit.jinr.ru/e/govorun>