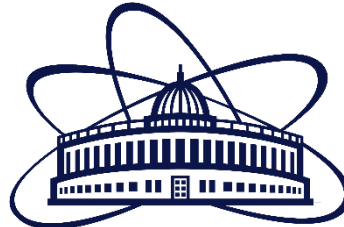




6th International Workshop on Deep Learning in Computational Physics

6-8 JULY, 2022 - JINR, DUBNA, RUSSIA





Joint Institute for
Nuclear Research

Organizers



M.V. Lomonosov
Moscow State
University



Meshcheryakov Laboratory
of Information Technologies



D.V. Skobeltsyn Institute
of Nuclear Physics

The main topics

Track 1. Machine Learning in Particle Astrophysics and High Energy Physics

- ML methods in particle astrophysics and HEP.
- Fast event generators based on ML for modelling of physics phenomena.
- Multi-messenger data analysis of experimental data.
- Application ML for data analysis in LHC, NICA, TAIGA.

Track 2. Modern Machine Learning Methods

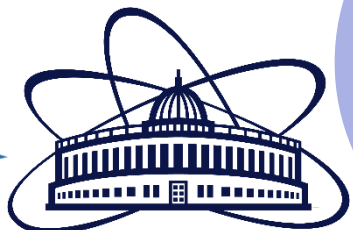
- Convolutional neural networks.
- Recurrent neural networks.
- Graph neural networks.
- Modern trends in machine learning.

Track 3. Machine Learning in Natural Sciences

- Biology and bioinformatics.
- Engineering sciences.
- Climate prediction and Earth monitoring.

Track 4. Machine Learning in Education

- Machine learning in High education.
- Outreach knowledge in machine learning.



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UZBEKISTAN

MONGOLIA

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from
10 countries

90
pers.

42
online

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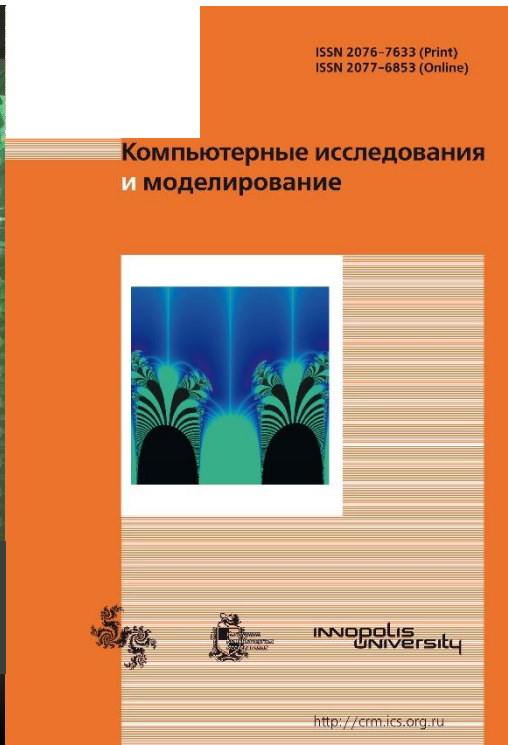
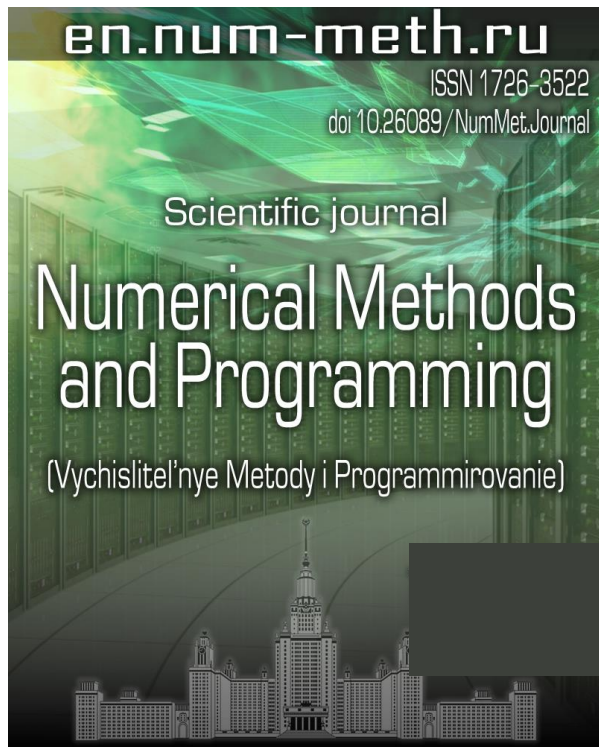
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Proceedings

Paper submission — **August 9, 2022**

Notification of paper acceptance — **September 19, 2022**



dlcp2022@jinr.ru

Detailed information
will be posted on the
website.

dlcp2022.jinr.ru

Thank you for participating!

