



NEWS

August, 23

- The final deadline for submission of articles to the proceedings is **August 30, 2021**.

July, 26

- Submission of articles is available (deadline ~~Aug. 15~~ ~~August 23, 2021~~). Please send all files in one archive (ZIP or TAR.GZ) to [A.Kryukov](#) and [A.Shigarov](#) by e-mail. The archive should contain a complete set of files to create a PDF from scratch. See the [Proceedings](#) page for details.

July, 6

- All presentations are available in the [Scientific program](#)

June, 30

- Change the style for [proceedings](#).

June, 28.

- Please send your presentation before speaking to [A.Kryukov](#).
 - [Uploading slides](#) via the website is available.
- **ATTENTION! Corrected Scientific Program on the site.**
- Due to problems with the Internet, a break is announced until 11:30.
- The style for preparing articles for the proceedings have changed. Details in the section [Proceedings](#).

June, 23.

- The preliminary **final** version of the [Scientific Program](#) of the workshop was published on the website on Tuesday 22, 2021.
- A link to ZOOM will only be sent to registered members by email on **Tuesday June 22, 2021**.
- ~~Due to many requests, the abstract submission deadline has been extended to **21th of June, 2021**~~ Abstract submission is closed. However, you can [register](#) as a member.

28/06/2021 09:40 · admin

DLCP-2021. Call for Paper

5th International Workshop on Deep Learning in Computational Physics ([DLCP-2021](#))

June 28-29

The workshop primarily focuses on the use of machine learning in cosmic ray astrophysics, but is not limited to this area. Topics of interest are various applications of artificial neural networks to physical problems, as well as the development of new modern machine learning methods for analyzing various scientific data, including big data.

The working language is English.

We are pleased to invite you to participate to the DLCP-2021 - International Workshop on Deep Learning in Computational Physics which will be held in virtual (ZOOM) format on 28-30 June, 2021.

Organizers

[Karlsruhe Institute of Technology](#) (Karlsruhe, Germany)

[D.V. Skobeltsyn Institute of Nuclear Physics](#), M.V. Lomonosov Moscow State University (Moscow, Russia)

[Matrosov Institute for System Dynamics and Control Theory](#) SB RAS (Irkutsk, Russia)

The main topics

- Modern machine learning method in physics
- Deep learning in cosmic ray astrophysics
- Generative adversarial network for modelling of physics phenomena
- Multi-messenger data analysis in astroparticle physics
- Application in biology and other natural sciences
- Modern trends in machine learning

Program committee

Prof. A. Haungs (KIT, Karlsruhe) — Co-Chair

A. Kryukov (MSU, Moscow) — Co-Chair

Academician I. Bychkov (ISDCT SB RAS, Irkutsk)

A. Demichev (MSU, Moscow)
A. Shigarov (ISDCT SB RAS, Irkutsk)
V. Tokareva (KIT, Karlsruhe)

Local organizing Committee

A. Kryukov (MSU, Moscow) — Chair
A. Shigarov (ISDCT SB RAS, Irkutsk)
J. Dubenskaya (MSU, Moscow)
V. Tokareva (KIT, Karlsruhe)

Place

Due to the situation regarding the coronavirus (COVID-19), the Organizing committee decided to organize the workshop remotely via Zoom platform.

Important dates

- **NEW!** Abstract submission — ~~June 14, 2021~~ **June 21, 2021**
- Notification of acceptance — ~~June 21, 2021~~ **June 24, 2021**
- Registration - until June 29, 2021
- The Workshop — June 28-29, 2021
- Paper submission — August 30, 2021
- Notification of paper acceptance — September 6, 2021

Registration and abstract submission

The registration and abstract submission should be done via the website: [Registration and abstract submission](#).

No fee for participation.

Proceedings

Selected articles will be published online at [CEUR-WS](#) and indexed in Scopus. Submissions should be in English and formatted in [1-column CEUR-ART style](#).

We invite two types of submissions:

- REGULAR PAPERS describe research not published or submitted elsewhere (10-12 pages).
- SHORT PAPERS may be position papers, descriptions of research prospects, challenges, projects, ongoing works, or applications (5-9 pages).

[Submission guidelines](#)

Contacts

All correspondence concerning the workshop should be addressed by e-mail:

[Alexander Kryukov](#) and [Victoria Tokareva](#)



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