

**III International Workshop
"Data life cycle in physics",
DLC-2019**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Towards the GRADLC initiative

Wednesday, April 3, 2019 12:40 PM (20 minutes)

Presenter: HAUNGS, Andreas (KIT)

Contribution ID: 2

Type: **not specified**

Welcome word

Presenter: Prof. BYCHKOV, I. (ISU)

Contribution ID: 3

Type: **not specified**

Data Life Cycles in particle physics

preliminary title

Presenter: KRYUKOV, Alexander (MSU)

Session Classification: Participant talks

Contribution ID: 4

Type: **not specified**

Thank you and goodbye!

Presenter: KAZARINA, Yulia (API ISU)

Contribution ID: 5

Type: **not specified**

The mysteries of the cosmic rays origin

Thursday, April 4, 2019 7:30 PM (1h 30m)

Co-author: HAUNGS, Andreas (KIT)

Contribution ID: 6

Type: **not specified**

Distributed data storage for modern astroparticle physics experiments.

Wednesday, April 3, 2019 1:00 PM (20 minutes)

Presenter: KRYUKOV, Alexander (MSU)

Contribution ID: 7

Type: **not specified**

Status of TAIGA data handling and analysis software

Wednesday, April 3, 2019 1:20 PM (20 minutes)

Presenter: Dr KOSTUNIN, Dmitry (DESY)

Contribution ID: 8

Type: **not specified**

Welcome words

Wednesday, April 3, 2019 12:30 PM (10 minutes)

Presenter: BYCHKOV, Igor

Contribution ID: 9

Type: **not specified**

Data Life Cycle in very high energy gamma astronomy

Wednesday, April 3, 2019 1:40 PM (20 minutes)

Presenter: Dr KOSTUNIN, Dmitry (DESY)

Contribution ID: **10**

Type: **not specified**

Open science and dissemination of astroparticle physics knowledge

Wednesday, April 3, 2019 2:00 PM (20 minutes)

Presenter: KAZARINA, Yulia (API ISU)

Contribution ID: 11

Type: **not specified**

The analysis of current neural network configuration used to predict the critical frequency in the ionosphere

Wednesday, April 3, 2019 2:40 PM (20 minutes)

Presenter: SALIMOV, Boris

Contribution ID: 12

Type: **not specified**

On the use of specifications of binary file formats for analysis and processing of binary scientific data

Wednesday, April 3, 2019 3:00 PM (20 minutes)

Presenter: HMELNOV, Alexei

Contribution ID: 13

Type: **not specified**

Using GAN for fast event generation

Wednesday, April 3, 2019 3:20 PM (20 minutes)

Presenter: KRYUKOV, Alexander (MSU)

Contribution ID: 14

Type: **not specified**

Provenance metadata management in distributed storage using the Hyperledger blockchain platform

Wednesday, April 3, 2019 3:40 PM (20 minutes)

Presenter: DEMICHEV, Andrey

Contribution ID: 15

Type: **not specified**

First results and future TAIGA facility.

Wednesday, April 3, 2019 4:20 PM (20 minutes)

Presenter: KUZMICHEV, Leonid

Contribution ID: 16

Type: **not specified**

Deep learning for energy estimation and particle identification in gamma-ray astronomy

Wednesday, April 3, 2019 4:40 PM (20 minutes)

Presenter: POSTNIKOV, Evgeniy

Contribution ID: 17

Type: **not specified**

A Global Metadata Database for Astroparticle Physics Experiments

Wednesday, April 3, 2019 5:00 PM (20 minutes)

Presenter: NGUYEN, Minh Duc

Contribution ID: **18**

Type: **not specified**

KASCADE storage infrastructure

Wednesday, April 3, 2019 5:20 PM (20 minutes)

Presenters: WOCHLE, Doris (KIT-IKP); WOCHLE, Juergen (CR group)

Contribution ID: **19**

Type: **not specified**

Kascade Cosmic-ray Data Center update

Thursday, April 4, 2019 11:00 AM (20 minutes)

Presenter: POLGART, Frank (KIT)

Contribution ID: 20

Type: **not specified**

Metadata management in KCDC

Thursday, April 4, 2019 11:20 AM (20 minutes)

Presenter: TOKAREVA, Victoria (KIT)

Contribution ID: 21

Type: **not specified**

KASCADE high-energy gamma-ray search

Thursday, April 4, 2019 11:40 AM (20 minutes)

Presenter: TOKAREVA, Victoria (KIT)

Contribution ID: 22

Type: **not specified**

Application of KCDC platform for non-collaboration analysis: reconstruction of moon and sun shadows seen by KASCADE

Thursday, April 4, 2019 12:00 PM (20 minutes)

Presenter: SAMOLIGA, Vladimir

Contribution ID: 23

Type: **not specified**

Metadata extraction from raw astroparticle data of TAIGA experiment

Thursday, April 4, 2019 12:20 PM (20 minutes)

Presenter: SHIGAROV, Alexey

Contribution ID: 24

Type: **not specified**

Metadata DB service: current status

Thursday, April 4, 2019 12:40 PM (20 minutes)

Presenter: MIKHAILOV, Andrey

Contribution ID: 25

Type: **not specified**

First results of using CNN for energy identification of shower.

Thursday, April 4, 2019 2:00 PM (20 minutes)

Presenter: ZHUROV, Dmitriy

Contribution ID: 26

Type: **not specified**

Tien-Shan high-mountain cosmic station

Thursday, April 4, 2019 2:20 PM (20 minutes)

Presenter: TAUTAYEV, Yernar

Contribution ID: 27

Type: **not specified**

Legal aspects of open data and software in science

Thursday, April 4, 2019 2:40 PM (20 minutes)

Presenter: KOZHEVNIKOVA, Anastasiya

Contribution ID: 28

Type: **not specified**

The instruments and methods of ultrahigh-energy neutrinos detection

Thursday, April 4, 2019 3:00 PM (20 minutes)

Presenter: Dr KOSTUNIN, Dmitry (DESY)

Contribution ID: 29

Type: **not specified**

The highest energies astronomy

Tuesday, April 2, 2019 7:30 PM (1h 30m)

Presenter: Dr KOSTUNIN, Dmitry (DESY)

Contribution ID: **30**

Type: **not specified**

Towards the Tunka-Rex Virtual Observatory

Thursday, April 4, 2019 6:50 PM (20 minutes)

Presenter: KOSTUNIN, Dmitriy (DESY)

Contribution ID: 31

Type: **not specified**

Improving the Effective Utilization of Supercomputer Resources by Adding Low-Priority Containerized Jobs

Thursday, April 4, 2019 7:10 PM (20 minutes)

Presenters: DUBENSKAYA, J; POLYAKOV, S.