Legend

3/04/2019

12:00-12:30 Registration/Coffee break

12:30-12:40 I.Bychkov. Welcome words
12:40-13:00 A.Haungs. Towards the GRADLC initiative
13:00-13:20 A.Kryukov. Distributed data storage for modern astroparticle physics experiments.
13:20-13:40 D.Kostunin, Status of TAIGA data handling and analysis software
13:40-14:00 D.Kostunin. Data Life Cycle in very high energy gamma astronomy
14:00-14:20 Yu. Kazarina, Open science and dissemination of astroparticle physics knowledge

14:20-14:40 Coffee break

14:40-15:00 B. Salimov, The analysis of current neural network configuration used to predict
        the critical foF2 frequency in the ionosphere
15:00-15:20 A.Hmelnov, On the use of specifications of binary file formats for analysis
        and processing of binary scientific data
15:20-16:00 A.Kryukov. Using GAN for fast event generation.
16:00-16:20 A. Demichev, Provenance metadata management in distributed storage using
        the Hyperledger blockchain platform

16:00-16:20 Coffee break

16:20-16:40 L. Kuzmichev. First results and future TAIGA facility.
16:40-17:00 E. Postnikov, Deep learning for energy estimation and particle identification in
        gamma-ray astronomy
17:00-17:20 M.-D.Nguyen. A Global Metadata Database for Astroparticle Physics Experiments
17:20-17:40 D. Wochele, J. Wochele. KASCADE storage infrastructure
17:40-18:00

18:00-20:00 Workshop dinner

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11:00-11:20 F.Polgart, Kascade Cosmic-ray Data Center update
11:20-11:40 V. Tokareva, Metadata management in KCDC
11:40-12:00 V. Tokareva. KASCADE high-energy gamma-ray search
12:00-12:20 V.Samoliga, Application of KCDC platform for non-collaboration analysis:
              reconstruction of moon and sun shadows seen by KASCADE
12:20-12:40 A. Shigarov, Metadata extraction from raw data of TAIGA and KASCADE-Grande
          astroparticle experiments
12:40-13:00 A. Mikhailov, Metadata DB service: current status.

14:00-14:20 D.Zhurov. Firslt results of using CNN for energy identification of shower.
14:20-14:40 Y.Tautayev, Tien-Shan high-mountain cosmic station
14:40-15:00 A. Kozhevnikova, Legal aspects of open data and software in science
15:00-16:00 D.Kostunin. Modern methods in astroparticle physics research

16:20-18:00 Round table discussion: Bringing big data solutions to physics experiments
18:00-19:20 F2F collaboration meeting