

**12. workshop podprogramu
PARTPHYS CAAS –Workshop
EJČF/JČF 2021**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Global polarization of lambda hyperons in heavy-ion collisions at STAR

Friday, 30 April 2021 11:30 (15 minutes)

Presenter: LOMICKÝ, Ondřej

Session Classification: Studenti 4. ročníku

Contribution ID: 2

Type: **not specified**

Study of Upsilon meson production in the STAR experiment

Friday, 30 April 2021 11:45 (15 minutes)

Presenter: ČEŠKA, Jakub

Session Classification: Studenti 4. ročníku

Contribution ID: 3

Type: **not specified**

Effects of bulk viscosity of the Quark-Gluon plasma in hydrodynamic approach

Friday, 30 April 2021 12:00 (15 minutes)

Presenter: BOBEK, Josef

Session Classification: Studenti 4. ročníku

Contribution ID: 4

Type: **not specified**

Reconstruction of longitudinal profiles of cosmic-ray showers using the shower geometry obtained from SD at PAO

Friday, 30 April 2021 12:15 (15 minutes)

Presenter: Mr DENNER, Nikolas

Session Classification: Studenti 4. ročníku

Contribution ID: 5

Type: **not specified**

Features of UHECR sources for heavy energy tail

Friday, 30 April 2021 12:30 (15 minutes)

Presenter: HRUBÝ, Robert

Session Classification: Studenti 4. ročníku

Contribution ID: 6

Type: **not specified**

Studies of multi-particle cumulant method used for flow computation in Pythia

Friday, 7 May 2021 09:30 (15 minutes)

Presenter: MIHATSCH, Daniel

Session Classification: Studenti 4. ročníku

Contribution ID: 7

Type: **not specified**

Identification of HF-jets in p+p collisions with Machine Learning

Friday, 7 May 2021 09:45 (15 minutes)

Presenter: MRÁZKOVÁ, Jitka

Session Classification: Studenti 4. ročníku

Contribution ID: 8

Type: **not specified**

Initial conditions for hydrodynamic simulations of collisions at RHIC-BES energies

Friday, 7 May 2021 10:00 (15 minutes)

Presenter: ŠTĚRBA, Jakub

Session Classification: Studenti 4. ročníku

Contribution ID: 9

Type: **not specified**

FX3 firmware development for particle detection

Friday, 7 May 2021 10:15 (15 minutes)

Presenter: TRLIČÍK, Václav

Session Classification: Studenti 4. ročníku

Contribution ID: **10**

Type: **not specified**

Electrons from open heavy-flavor hadron decays in heavy-ion collisions at STAR

Friday, 7 May 2021 10:30 (15 minutes)

Presenter: SERGI LOPES, Carolina

Session Classification: Studenti 4. ročníku

Contribution ID: 11

Type: **not specified**

Study of quarkonium production

Friday, 14 May 2021 10:00 (15 minutes)

Presenter: BEZÁNYI, Emanuel

Session Classification: Studenti 3. ročníku

Contribution ID: 12

Type: **not specified**

Bhalla

Session Classification: Studenti 3. ročníku

Contribution ID: 13

Type: **not specified**

Energetická závislost hadronové struktury v rámci kvantové chromodynamiky

Friday, 14 May 2021 09:30 (15 minutes)

Presenter: DVOŘÁK, Radim

Session Classification: Studenti 3. ročníku

Contribution ID: 14

Type: **not specified**

Charakterizace plazmových vln generovaných intenzívními laserovými impulzy

Friday, 14 May 2021 09:45 (15 minutes)

Presenter: GREGOCKI, David

Session Classification: Studenti 3. ročníku

Contribution ID: 15

Type: **not specified**

Azimuthal asymmetries in coherent photoproduction of J/psi with ALICE

Friday, 14 May 2021 10:15 (15 minutes)

Presenter: Haidlová, Sára

Session Classification: Studenti 3. ročníku

Contribution ID: **16**

Type: **not specified**

TBA

Presenter: EREMENKO, Ekaterina (CTU FNSPE)

Session Classification: Studenti 5. ročníku

Contribution ID: 17

Type: **not specified**

Incoherent photoproduction of J/psi in ultra-peripheral Pb-Pb collisions with ALICE

Friday, 21 May 2021 10:10 (20 minutes)

Presenter: GRUND, David

Session Classification: Studenti 5. ročníku

Contribution ID: **18**

Type: **not specified**

The Evolution of Momentum anisotropies in Heavy Ion Collisions

Friday, 21 May 2021 10:30 (20 minutes)

Presenter: NOVÁK, Tomáš (CTU FNSPE)

Session Classification: Studenti 5. ročníku

Contribution ID: 19

Type: **not specified**

Identifying heavy-flavor jets using vectors of locally aggregated descriptors

Friday, 21 May 2021 10:50 (20 minutes)

Presenter: PONIMATKIN, Georgij

Session Classification: Studenti 5. ročníku

Contribution ID: 20

Type: **not specified**

Study of equilibration of charm quarks in HYDJET++

Friday, 21 May 2021 09:30 (20 minutes)

Presenter: ŠTOREK, Jaroslav (CTU FNSPE)

Session Classification: Studenti 5. ročníku

Contribution ID: 21

Type: **not specified**

Study of non-linear evolution of the hadron structure within quantum chromodynamics

Friday, 21 May 2021 09:50 (20 minutes)

Presenter: VACULČIAK, Matěj (CTU FNSPE)

Session Classification: Studenti 5. ročníku

Contribution ID: 22

Type: **not specified**

Opening

Contribution ID: 23

Type: **not specified**

Diffraction vector meson photoproduction: a Swiss army knife for QCD

Wednesday, 23 June 2021 10:45 (45 minutes)

Presenter: CONTRERAS, Jesus Guillermo

Contribution ID: 24

Type: **not specified**

Studium jaderne hmoty na CBM

Wednesday, 23 June 2021 11:30 (45 minutes)

Presenter: CHALOUPKA, Petr (CTU FNSPE)

Contribution ID: 25

Type: **not specified**

Density functional theory searches for next generation materials of dark matter detection experiments

Wednesday, 23 June 2021 14:15 (45 minutes)

Presenters: MATAS, Marek (České vysoké učení technické v Praze); MATAS, Marek (EJCF)

Contribution ID: 26

Type: **not specified**

Preparations for the Exascale HL-LHC computing and the contribution of the Czech Tier-2 center to the WLCG operations

Wednesday, 23 June 2021 15:30 (45 minutes)

Presenter: ADAMOVIČ, Dagmar

Contribution ID: 27

Type: **not specified**

Chlazení femtosekundových svazků částic

Wednesday, 23 June 2021 13:30 (45 minutes)

Presenter: KRŮS, Miroslav

Contribution ID: 28

Type: **not specified**

Jaderné metody pomáhají při pronikání do vesmíru

Wednesday, 23 June 2021 16:15 (45 minutes)

Presenter: WAGNER, Vladimír (CTU FNSPE)