

Fourth workshop on "Perceiving the Emergence of Hadron Mass through AMBER@CERN" (EHM2020/3)

Perceiving the Emergence
of Hadron Mass through
AMBER@CERN

30 November to 4 December 2020
CERN, Geneva - Switzerland



Report of Contributions

Contribution ID: 23

Type: **not specified**

Welcome

Monday 30 November 2020 13:30 (5 minutes)

Presenter: NOWAK, Wolf-Dieter

Session Classification: Session 1

Contribution ID: 24

Type: **not specified**

EicC Status, White Paper

Monday 30 November 2020 13:35 (35 minutes)

Presenter: XIAO, Bowen

Session Classification: Session 1

Contribution ID: 25

Type: **not specified**

PANDA Physics

Monday 30 November 2020 14:10 (35 minutes)

Presenter: SCHOENNING, Karin

Session Classification: Session 1

Contribution ID: 26

Type: **not specified**

EIC Status

Monday 30 November 2020 14:45 (35 minutes)

Presenter: DESHPANDE, Abhay

Session Classification: Session 1

Contribution ID: 27

Type: **not specified**

COMPASS++/AMBER Phase I/II Physics

Monday 30 November 2020 15:40 (35 minutes)

Presenter: QUINTANS, Catarina

Session Classification: Session 1

Contribution ID: 28

Type: **not specified**

EHM in the EIC Yellow Report, Synergy JLab-EIC-COMPASS++/AMBER

Monday 30 November 2020 16:15 (35 minutes)

Presenters: ENT, Rolf; HORN, Tanja

Session Classification: Session 1

Contribution ID: 29

Type: **not specified**

Discussion: Outlook for experimental access to EHM

Monday 30 November 2020 16:50 (30 minutes)

Presenter: DENISOV, Oleg (INFN, sezione di Torino)

Session Classification: Session 1

Contribution ID: **30**

Type: **not specified**

ChPT relation to the EHM

Tuesday 1 December 2020 13:30 (25 minutes)

Presenter: RUIZ DE ELVIRA, Jacobo

Session Classification: Session 2

Contribution ID: **31**

Type: **not specified**

Role of pion and kaon PDFs in quantifying EHM

Tuesday 1 December 2020 13:55 (25 minutes)

Presenter: BINOSI, Daniele

Session Classification: Session 2

Contribution ID: 32

Type: **not specified**

Role of meson spectroscopy in unfolding the character of EHM in the SM

Tuesday 1 December 2020 14:20 (25 minutes)

Presenter: QIN, Sixue

Session Classification: Session 2

Contribution ID: 33

Type: **not specified**

Role of near-threshold heavy-quarkonia production in providing access to QCD trace anomaly

Tuesday 1 December 2020 15:10 (25 minutes)

Presenter: KREIN, Gastão

Session Classification: Session 2

Contribution ID: 34

Type: **not specified**

Quark and gluon distributions in mesons from quarkonium production

Tuesday 1 December 2020 15:35 (25 minutes)

Presenter: PENG, Jen-Chieh

Session Classification: Session 2

Contribution ID: 35

Type: **not specified**

Further prospects for pion structure measurements at EIC

Tuesday 1 December 2020 16:00 (25 minutes)

Presenter: KEPPEL, Cynthia

Session Classification: Session 2

Contribution ID: **36**

Type: **not specified**

Discussion

Tuesday 1 December 2020 16:25 (35 minutes)

Presenter: ROBERTS, Craig (Nanjing University)

Session Classification: Session 2

Contribution ID: 37

Type: **not specified**

Access to meson PDAs from AMBER

Wednesday 2 December 2020 13:30 (25 minutes)

Presenter: ROBERTS, Craig (Nanjing University)

Session Classification: Session 3

Contribution ID: **38**

Type: **not specified**

IQCD and Pion and Kaon DAs, LaMET

Wednesday 2 December 2020 13:55 (25 minutes)

Presenter: ZHANG, Rui

Session Classification: Session 3

Contribution ID: **39**

Type: **not specified**

Pion GTMDs

Wednesday 2 December 2020 14:20 (25 minutes)

Presenter: ZHANG, Jin-Li

Session Classification: Session 3

Contribution ID: 40

Type: **not specified**

Lattice parton distribs and global QCD analysis

Wednesday 2 December 2020 15:10 (25 minutes)

Presenter: SATO, Nobuo

Session Classification: Session 3

Contribution ID: 41

Type: **not specified**

Pion and Kaon GPDs

Wednesday 2 December 2020 15:35 (25 minutes)

Presenter: RODRIGUEZ QUINTERO, José

Session Classification: Session 3

Contribution ID: 42

Type: **not specified**

Large-x: testing the nonperturbative pion structure through phenomenology

Wednesday 2 December 2020 16:00 (25 minutes)

Presenter: COURTOY, Aurore

Session Classification: Session 3

Contribution ID: 43

Type: **not specified**

Discussion

Wednesday 2 December 2020 16:25 (35 minutes)

Presenter: PLATCHKOV, Stephane (Université Paris-Saclay (FR))

Session Classification: Session 3

Contribution ID: 44

Type: **not specified**

Diquark correlations and where to find them

Thursday 3 December 2020 13:30 (25 minutes)

Presenter: SEGOVIA, Jorge

Session Classification: Session 4

Contribution ID: 45

Type: **not specified**

DAs and DFs of diquark correlations

Thursday 3 December 2020 13:55 (25 minutes)

Presenter: DING, Minghui

Session Classification: Session 4

Contribution ID: 46

Type: **not specified**

Investigation of the nucleon structure with single pion SIDIS with CLAS12 at JLab

Thursday 3 December 2020 14:20 (25 minutes)

Presenter: DIEHL, Stefan

Session Classification: Session 4

Contribution ID: 47

Type: **not specified**

BLFQM

Thursday 3 December 2020 15:10 (25 minutes)

Presenter: ZHAO, Xingbo

Session Classification: Session 4

Contribution ID: 48

Type: **not specified**

Global analysis of TMD PDFs at NLO and NNLL in QCD

Thursday 3 December 2020 15:35 (25 minutes)

Presenter: TERRY, John

Session Classification: Session 4

Contribution ID: 49

Type: **not specified**

Kaon structure in nuclear medium

Thursday 3 December 2020 16:00 (25 minutes)

Presenter: DE MELO, J.P.B.C.

Session Classification: Session 4

Contribution ID: 50

Type: **not specified**

Discussion

Thursday 3 December 2020 16:25 (35 minutes)

Presenter: MOKEEV, Victor

Session Classification: Session 4

Contribution ID: 51

Type: **not specified**

Pion and kaon distribution functions with the maximum entropy input

Friday 4 December 2020 13:30 (25 minutes)

Presenter: WANG, Rong

Session Classification: Session 5

Contribution ID: 52

Type: **not specified**

xFitter

Friday 4 December 2020 13:55 (25 minutes)

Presenter: OLNESS, Fred

Session Classification: Session 5

Contribution ID: 53

Type: **not specified**

Pion and Kaon distrib functions in QCD instanton vacuum

Friday 4 December 2020 14:20 (25 minutes)

Presenter: ZAHED, Ismail

Session Classification: Session 5

Contribution ID: 54

Type: **not specified**

EHM from baryon structure studies with electromagnetic probes

Friday 4 December 2020 15:10 (25 minutes)

Presenter: MOKEEV, Victor

Session Classification: Session 5

Contribution ID: 55

Type: **not specified**

Discussion

Friday 4 December 2020 15:35 (45 minutes)

Presenters: QUINTANS, Catarina (LIP Laboratorio de Instrumentacao e Fisica Experimental de Part); ROBERTS, Craig; FRIEDRICH, Jan (Technische Universitaet Muenchen (DE)); DENISOV, Oleg (INFN, sezione di Torino); NOWAK, Wolf-Dieter (Johannes Gutenberg Universitaet Mainz (DE))

Session Classification: Session 5