

# Second workshop on "Perceiving the Emergence of Hadron Mass through AMBER@CERN" (EHM2020/2)

Perceiving the Emergence  
of Hadron Mass through  
**AMBER@CERN**

**6 - 7 August 2020**  
**CERN, Geneva - Switzerland**



## Report of Contributions

Contribution ID: 1

Type: **not specified**

## **Outcome of the 2020 update of the European Strategy for Particle Physics**

*Thursday 6 August 2020 14:00 (25 minutes)*

**Author:** DENISOV, Oleg (INFN, sezione di Torino)

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

**Session Classification:** Session 1

Contribution ID: 2

Type: **not specified**

## **Outcome of the June CFNS Workshop on $\pi$ and K structure at the EIC**

*Thursday 6 August 2020 14:25 (25 minutes)*

**Author:** HORN, Tanja (Catholic University of America)

**Presenter:** HORN, Tanja (Catholic University of America)

**Session Classification:** Session 1

Contribution ID: 3

Type: **not specified**

## Proton mass decompositions: a fresh look

*Thursday 6 August 2020 14:50 (25 minutes)*

**Author:** RODINI, Simone (University of Pavia)

**Presenter:** RODINI, Simone (University of Pavia)

**Session Classification:** Session 1

Contribution ID: 4

Type: **not specified**

## Continuum predictions for kaon distribution functions

*Thursday 6 August 2020 15:15 (25 minutes)*

**Author:** ROBERTS, Craig (Nanjing University)

**Presenter:** ROBERTS, Craig (Nanjing University)

**Session Classification:** Session 1

Contribution ID: 5

Type: **not specified**

## **LFWFs for the pion and kaon and some of their implications for EHM**

*Thursday 6 August 2020 16:00 (25 minutes)*

**Author:** RODRIGUEZ QUINTERO, José (University of Huelva)

**Presenter:** RODRIGUEZ QUINTERO, José (University of Huelva)

**Session Classification:** Session 2

Contribution ID: 6

Type: **not specified**

## Pi and K structure using BLFQ

*Thursday 6 August 2020 16:25 (25 minutes)*

**Author:** ZHAO, Xingbo (Institute of Modern Physics, Chinese Academy of Sciences)

**Presenter:** ZHAO, Xingbo (Institute of Modern Physics, Chinese Academy of Sciences)

**Session Classification:** Session 2

Contribution ID: 7

Type: **not specified**

## **Pion structure explored in Minkowsky space**

*Thursday 6 August 2020 16:50 (25 minutes)*

**Author:** FREDERICO, Tobias (Instituto Tecnologico de Aeronautica)

**Presenter:** FREDERICO, Tobias (Instituto Tecnologico de Aeronautica)

**Session Classification:** Session 2

Contribution ID: 8

Type: **not specified**

## Discussion

*Thursday 6 August 2020 17:15 (30 minutes)*

**Author:** DENISOV, Oleg (INFN, sezione di Torino)

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

**Session Classification:** Session 2

Contribution ID: 9

Type: **not specified**

## Emergence of a gluon mass

*Friday 7 August 2020 14:20 (25 minutes)*

**Author:** PAPAVALASSILOU, Joannis (University of Valencia)

**Presenter:** PAPAVALASSILOU, Joannis (University of Valencia)

**Session Classification:** Session 3

Contribution ID: **10**

Type: **not specified**

## JPAC and exotic hadrons

*Friday 7 August 2020 14:45 (25 minutes)*

**Author:** SZCZEPANIAK, Adam

**Presenter:** SZCZEPANIAK, Adam

**Session Classification:** Session 3

Contribution ID: 11

Type: **not specified**

## **EHM from inclusive electron scattering off protons in the resonance region**

*Friday 7 August 2020 15:10 (25 minutes)*

**Author:** MOKEEV, Victor (Thomas Jefferson National Accelerator Facility)

**Presenter:** MOKEEV, Victor (Thomas Jefferson National Accelerator Facility)

**Session Classification:** Session 3

Contribution ID: 12

Type: **not specified**

## **Testing quark counting rules: bridging nonperturbative and perturbative PDF approaches**

*Friday 7 August 2020 15:35 (25 minutes)*

**Author:** COURTOY, Aurore (IFPA)

**Presenter:** COURTOY, Aurore (IFPA)

**Session Classification:** Session 3

Contribution ID: **13**

Type: **not specified**

## **Pi and K structure at the EicC**

*Friday 7 August 2020 16:00 (25 minutes)*

**Author:** WANG, Rong

**Presenter:** WANG, Rong

**Session Classification:** Session 4

Contribution ID: 14

Type: **not specified**

## JAM Distribution Functions

*Friday 7 August 2020 16:25 (25 minutes)*

**Author:** BARRY, Patrick (North Carolina State University)

**Presenter:** BARRY, Patrick (North Carolina State University)

**Session Classification:** Session 4

Contribution ID: **15**

Type: **not specified**

## Discussion

*Friday 7 August 2020 16:50 (30 minutes)*

**Author:** ROBERTS, Craig (Nanjing University)

**Presenter:** ROBERTS, Craig (Nanjing University)

**Session Classification:** Session 4