First workshop on ”Perceiving the Emergence of Hadron Mass through AMBER@CERN” (EHM2020/1)

Monday, 30 March 2020 - Thursday, 2 April 2020

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Introduction to the workshop

Measurable Expressions of EHM

On the hadron mass decomposition

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Meson Structure: Drell-Yan session

Drell-Yan measurement at AMBER - Studying the hadrons structure

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Calculation of pion/kaon-nucleus induced Drell-Yan process from a basis light-front approach
Charmonium measurements with AMBER – a tool for accessing the meson PDFs

Constraining pion PDFs with Jpsi production

Quark mass function from a OGE-type interaction in Minkowski space

Prompt photon production and diffractive scattering at AMBER

Hadron Spectroscopy at AMBER

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An Experimental Observable to Trace the Mass from pQCD to Strong QCD

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Insight into EHM from Nucleon Resonance Electroexcitation and the Meson Structure Studies

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Meson Spectroscopy

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Parton distribution of nucleon

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Introduction to round table discussion
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Hybrid mesons in the framework of DSEs

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Meson spectroscopy from a basis light-front approach

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Two issues concerning the pion structure function

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