

Session Program

10-17 Jul 2019



EPS-HEP2019

Heavy Ion Physics

Ghent

International Convention Center and Ghent University - Campus Ledeganck, Ghent, Belgium

Thursday 11 July

09:00

Heavy Ion Physics

Session | **Location:** Ghent, ICC - Baeckeland 1 | **Conveners:**
Yen-Jie Lee, You Zhou, Guilherme Milhano, Iwona Grabowska-Bold

09:00–09:18

System and event activity dependences of inclusive jet production with ALICE

Speakers

Daicui Zhou, Yongzhen Hou

09:18–09:38

Jet Measurements in Heavy Ion Collisions with the ATLAS Experiment

Speaker

Helena Santos

09:38–09:56

Broadening and saturation effects in dijet azimuthal correlations in p-p and p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV

Speaker

Krzysztof Kutak

09:56–10:14

Time evolution of a medium-modified jet

Speaker

Liliana Apolinario

10:14–10:34

Recent jet results in heavy-ion collisions with CMS

Speaker

Inna Kucher

10:34–10:52

Relating CGC and TMD factorization frameworks beyond leading twist

Speaker

Piotr Kotko

10:52–11:10

Machine Learning based jet momentum reconstruction in Pb-Pb collisions measured with ALICE

Speaker

Rudiger Haake

11:10–11:30

Coffee break

11:30–11:48

On the pair correlations of neutral K , D , B and B_s mesons with close momenta produced in inclusive multiparticle processes

Speaker

Dr Valery Lyuboshitz

11:48–12:06

Light neutral meson production in the era of precision physics at the LHC

Speaker

Mike Henry Petrus Sas

12:06–12:24

Rapidity distributions of pions in p+p and Pb+Pb collisions at CERN SPS energies**Speaker**

Antoni Marcinek

12:24–12:42

The quark-gluon plasma production from the QCD ground state in the Hamiltonian picture**Speaker**

Roman Pasechnik

12:42–13:00

Baryon production from small to large collision systems at ALICE**Speaker**

Omar Vazquez Rueda

13:00

14:30

Heavy Ion Physics**Session** | **Location:** Ghent, ICC - Baeckeland 1 | **Conveners:**

Iwona Grabowska-Bold, Guilherme Milhano, Yen-Jie Lee, You Zhou

14:30–14:48

(Anti-)nuclei production and flow in pp, p-Pb and Pb-Pb collisions with ALICE**Speaker**

Mr Sebastian Hornung

14:48–15:06

Multiplicity and centre-of-mass energy dependence of light-flavor hadron production in pp, p-Pb, and Pb-Pb collisions with ALICE**Speaker**

Ivan Ravasenga

15:06–15:24

Recent results on spectator-induced electromagnetic effects in ultrarelativistic light- and heavy-ion collisions**Speaker**

Iwona Anna Sputowska

15:24–15:42

Kaon Isospin Fluctuations in Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE at the LHC**Speaker**

Ranjit Nayak

15:42–16:00

Snapshots of fireballs at freeze-out from heavy-ion collisions at different energies**Speaker**

Dr Ivan Melo

16:00–16:30

Coffee break

16:30–16:48

Production of open heavy flavour hadrons in pPb collisions at LHCb

Speaker

Yanxi Zhang

16:48-17:06

Investigating charm and beauty production and elliptic flow with leptons in Pb--Pb with ALICE**Speaker**

Martin Andreas Volkl

17:06-17:24

Measurement of open-charmed hadron production in Au+Au collisions at $\sqrt{s_{\mathrm{NN}}} = 200$ GeV with the STAR experiment**Speaker**

Mr Robert Licenik

17:24-17:44

Probing heavy quark dynamics in PbPb collisions with CMS**Speaker**

Gabor Veres

17:44-18:02

Attenuation of heavy flavors in a dense medium**Speaker**

Boris Kopeliovich

18:02-18:20

Study of R_{AA} and $v_{\{2\}}$ of non-strange D mesons and D-jet production in Pb--Pb collisions with ALICE**Speaker**

Fabrizio Grosa

18:30

Friday 12 July

09:00

Heavy Ion Physics

Session | **Location:** Ghent, ICC - Baeckeland 1 | **Conveners:**
Iwona Grabowska-Bold, You Zhou, Yen-Jie Lee, Guilherme Milhano

09:00–09:18

Measurement of Λ_{c} baryons and D_{s}^{+} mesons in Pb–Pb collisions with ALICE

Speaker

Lucas Anne Vermunt

09:18–09:36

J/ψ production in hadron scattering: three-pomeron contribution

Speaker

Marat Siddikov

09:36–09:54

Quarkonia production in pPb and PbPb collisions at LHCb

Speaker

Giacomo Graziani

09:54–10:12

Quarkonium production measured by the STAR experiment

Speaker

Dr Leszek Kosarzewski

10:12–10:30

Quarkonium measurements at forward rapidity with ALICE at the LHC

Speaker

Florian Damas

10:30–10:48

J/ψ production measurements in pp, p-Pb and Pb-Pb collisions at mid-rapidity using the ALICE detector at LHC

Speaker

Ingrid Mckibben Lofnes

10:48–11:30

Coffee break

11:30–11:50

Heavy-Flavour production in fixed-target mode with LHCb

Speaker

Felipe Andres Garcia Rosales

11:50–12:08

Constraining the gluon nuclear content with heavy-flavour production at the LHC

Speaker

Jean-Philippe Lansberg

12:08–12:28

Production of electroweak bosons in Pb+Pb, p+Pb and pp collisions with the ATLAS detector

Speaker

Mariusz Przybycien

12:28-12:46

Low-mass dielectron measurements Pb--Pb collisions with ALICE at the LHC

Speaker

Raphaelle Bailhache

12:46-13:04

\$eA\$ collisions at the LHeC and nuclear parton densities

Speaker

Anna Stasto

13:04

Saturday 13 July

09:00

Heavy Ion Physics

Session | **Location:** Ghent, ICC - Baekeland 3

09:00–09:18

Observation of light-by-light scattering and new results from ultra-peripheral heavy-ion collisions in the ATLAS experiment

Speaker

Yahya Tayalati

09:18–09:36

Photonic billiards in ultra-peripheral heavy-ion collisions

Speaker

Mariola Kłusek-Gawenda

09:36–09:54

Inclusive dijet photoproduction in ultraperipheral heavy-ion collisions at the LHC in next-to-leading order QCD

Speaker

Michael Klasen

09:54–10:12

Do electromagnetic effects survive in the production of lepton pairs in nucleus-nucleus collisions?

Speaker

Antoni Szczurek

10:12–10:32

Multiplicity dependence of azimuthal particle correlations as a probe of collectivity in deep inelastic electron-proton collisions at HERA

Speaker

Dhevan Raja Gangadharan

10:32–10:50

Measurement of long-range correlations in pp collisions at $\sqrt{s} = 13$ TeV with ALICE at the LHC

Speaker

Junlee Kim

10:50–11:30

Coffee break

11:30–11:48

Searching for the critical point of strongly interacting matter in nucleus-nucleus collisions at CERN SPS

Speaker

Dr Nikolaos Davis

11:48–12:08

Azimuthal anisotropy in Pb+Pb, Xe+Xe and p+Pb collisions and vn-pt correlations in Pb+Pb and p+Pb collisions with the ATLAS experiment

Speaker

Tomasz Bold

12:08-12:26

Measurements of p_{T} -differential v_2 and v_3 using multi-particle cumulants in Pb-Pb and Xe-Xe collisions**Speaker**

Vytautas Viskavicius

12:26-12:44

Pseudorapidity dependence of anisotropic flow in heavy ion collisions with ALICE**Speaker**

Freja Thoresen

12:44-13:02

Non-linear flow modes of identified particles in Pb-Pb collisions at 5.02 TeV**Speaker**

Naghmeh Mohammadi

13:02