

On-line seminar series on “RHIC Beam Energy Scan: Theory and Experiment”

Tuesday, 4 August 2020 – Tuesday, 15 December 2020

Scientific Programme

Experimental overview for RHIC BES (

Overview for critical fluctuations (

Challenges and opportunities in flow studies (

Dynamical modeling @ RHIC BES (

Review of the light nuclei production in both theoretical and experimental side (ppt and video)

Diffusion dynamics of fluctuations of conserved charges (ppt and video)

QCD phase structure from Lattice QCD (ppt and video)

SMASH: status and results (ppt and video)

(ppt and video)

Experimental Overview on the QCD Critical Point Search in Heavy-ion Collisions at RHIC (ppt and video)

Dynamics of the Chiral Critical Point(ppt and video)

style="font-family:georgia,serif">Oct.
20, 2020 Kaijia Sun

Probing the critical
point with light nuclei production<span style="color:rgb(105, 105,
105); font-family:georgia,serif; font-size:16px"><span
style="font-size:16px">ppt and video<span
style="color:rgb(105, 105, 105)">
<span
style="font-family:georgia,serif">Oct. 27, 2020 Xin Dong

<span style="background-color:rgb(255, 255, 255); color:rgb(105, 105, 105);
font-family:georgia,serif; font-size:16px">Charm production and flow at RHIC<span
style="font-size:16px"><span
style="font-family:georgia,serif"><span
style="font-family:georgia,serif">ppt and video<span style="color:rgb(105, 105,
105)">
<span
style="font-family:georgia,serif">Nov. 3, 2020 Steffen Bass

Bayesian
analysis for transport coefficients (ppt and video)
<span
style="font-family:georgia,serif">Nov. 10, 2020 Wei Li

<span
style="font-family:georgia,serif">Flow from small Systems (<span
style="font-size:16px"><span
style="font-family:georgia,serif">ppt and video<span
style="color:rgb(105, 105, 105); font-size:16px"><span
style="font-family:georgia,serif">
<span
style="font-family:georgia,serif">Nov. 17, 2020 Jan M. Pawlowski

<span
style="font-family:georgia,serif">On the QCD phase structure from Functional
Methods<span
style="font-family:georgia,serif">(<span
style="color:rgb(105, 105, 105)">ppt and
video<span
style="font-family:georgia,serif">
<span
style="font-family:georgia,serif">Nov. 24, 2020 Long-Gang Pang

<span
style="font-family:georgia,serif">Machine Learning for high energy nuclear physics
<span
style="font-family:georgia,serif">ppt and video<span
style="color:rgb(105, 105, 105); font-size:16px"><span
style="font-family:georgia,serif">
<span
style="font-family:georgia,serif">Dec. 1, 2020 Sergei Voloshin

<span
style="font-family:georgia,serif">Experimental overview on chirality and vorticity
<span
style="font-family:georgia,serif">ppt and video<span
style="font-family:georgia,serif">

style="color:rgb(105, 105, 105); font-size:16px">
Dec. 8, 2020 Huang Xuguang

Theoretical overview on both chirality and vorticity (ppt and video
Dec. 15, 2020 Marek Gazdzicki

Fluctuations at the CERN SPS (ppt and video)