

Session Program

5-9 Nov 2021



The 8th Asian Triangle Heavy-Ion Conference (ATHIC2021)

Contributed Session 5

60th Anniversary Hall , Inha Univ. Incheon, South Korea, Room 107
INHA UNIVERSITY, 100 Inha-ro, Michuhol-gu, Incheon 22212, South Korea

Monday 8 November

10:00

Contributed Session 5: Collective dynamics, Correlations and fluctuations & QGP in small systems

Session |

Location: 60th Anniversary Hall , Inha Univ. Incheon, South Korea, Room 107, INHA UNIVERSITY, 100 Inha-ro, Michuhol-gu, Incheon 22212, South Korea |

Convener: Prof. Xin-Nian Wang

10:00-10:17

New opportunities for nuclear shape imaging in high-energy heavy-ion collisions

Speaker

Jiangyong Jia

10:17-10:34

Study of the nuclear deformation in relativistic isobar collisions at STAR

Speaker

Dr Chunjian Zhang

10:34-10:51

Probing early-time longitudinal dynamics with the Λ hyperon's spin polarization in relativistic heavy-ion collisions

Speaker

Dr Sangwook Ryu

10:51-11:08

Measurement of global polarization of Λ hyperons in Au+Au $\sqrt{s_{NN}} = 7.2$ GeV fixed-target collisions at RHIC-STAR experiment

Speaker

Mr Kosuke Okubo (for the STAR collaboration)

11:08-11:25

Electric charge and strangeness dependent splitting of the rapidity-odd directed flow between quarks and anti-quarks in Au+Au collisions

Speaker

Ashik Iqbal Sheikh

11:25-11:42

The hypertriton and hyperquadron directed flow measurements in $\sqrt{s_{NN}} = 3$ GeV Au+Au collisions from STAR

Speaker

Dr Yapeng Zhang

11:42-11:59

Two-particle long-range correlations in small systems with ALICE

Speaker

Junlee Kim

11:59-12:16

DJBUU: A new transport model for RAON experiments

Speaker

Dr Myungkuk Kim

12:16