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Type: **Talk**

Vorticity Effect in Heavy-ion Collision

Monday, 30 August 2021 11:30 (30 minutes)

We calculated four types of vorticities in non-central Au+Au collision at energies $\sqrt{S_{NN}} = 5-200$ GeV within the microscopic transport model PACIAE. We find that the initial vorticities show clearly non-monotonic dependence on the collision energies, which is in accordance with a previous study. Our calculation shows that the turning point is around 10-15 GeV for different vorticities.

Is this abstract from experiment?

No

Name of experiment and experimental site

N/A

Is the speaker for that presentation defined?

Yes

Details

Anke Lei,
Mr. ,
Wuhan University of Technology,
China,
<https://whut.edu.cn/>

Internet talk

Yes

Primary author: Mr LEI, Anke (Department of Physics, Wuhan University of Technology)

Co-authors: Dr WANG, Dajuan (Department of Physics, Wuhan University of Technology); Prof. ZHOU, Dai-Mei (Key Laboratory of Quark and Lepton Physics (MOE) and Institute of Particle Physics, Central China Normal University); Prof. SA, Ben-Hao (China Institute of Atomic Energy); Prof. CSERNAI, Laszlo (Department of Physics and Technology, University of Bergen)

Presenter: Mr LEI, Anke (Department of Physics, Wuhan University of Technology)

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