



The 188th HENPIC seminar

Nucleon Energy Correlators

Speaker: Prof. Xiaohui Liu (刘晓辉)

April 20th, 2023, Thursday, 10:30 am (UTC+8)
Zoom meeting ID: 421 173 735, passcode: 644179

ABSTRACT:

Nucleon energy correlators are a class of new observables that measure the energy flow of particles out of the smashed nucleons or nucleus. In this talk, I will discuss their properties and demonstrate how they can be accessed at colliders. I will show examples how they could provide new insight into the nucleon/nucleus structures.

ABOUT THE SPEAKER:

Xiaohui Liu is a faculty member at the Physics Department, Beijing Normal University. Currently he is also a T.D.Lee Junior Fellow at the Center for High Energy Physics, Peking University. His research focuses on high energy particle and nuclear physics, especially on predicting the collider phenomenologies using QCD first principles.



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Sponsored by Guangdong Major Project of Basic and Applied Basic Research(2020B0301030008)

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