

# Vortex states in nuclear and particle physics

Zhuhai, Guangdong, China  
April 24-28, 2024



## Topics:

- Applications of high-energy vortex states in nuclear, hadronic, and particle physics
- Ideas on generation and detection of high-energy vortex states
- Ongoing experimental efforts and challenges
- Development of theoretical description of vortex state scattering

## Organizing committee:

- Igor Ivanov (SYSU, co-chair)  
Pengming Zhang (SYSU, co-chair)  
Xurong Chen (IMP)  
Jiangming Yao (SYSU)  
Liang Lu (SYSU)  
Liangliang Ji (SIOM)  
Jian-Xing Li (XJTU)  
Tongpu Yu (NUDT)  
Yifei Niu (Lanzhou)  
Liping Zou (SYSU)  
Nikolai Korchagin (SYSU)  
Bin Yuan (SYSU, secretary)

<https://indico.ihep.ac.cn/event/21491/>



中山大學 物理与天文学院  
SUN YAT-SEN UNIVERSITY SCHOOL OF PHYSICS AND ASTRONOMY