



# 第十八届粒子物理、核物理和宇宙学交叉学科前沿问题研讨会

Saturday, 11 April 2026

Session 4 (16:30 - 18:00)

-Conveners: 效军 毕

| time  | [id] | title  | presenter |
|-------|------|--|-----------|
| 16:30 | [17] | Neural Network Emulators for Self-Interacting Dark Matter Halo Evolution | 项, 树诚     |
| 16:45 | [18] | Primordial black holes and universes from a first-order phase transition | 谢, 柯盼     |
| 17:00 | [19] | Effective field theories confronted with precision Neff                  | 杜, 勇      |
| 17:15 | [20] | Cosmological Collider Signals from Right-Handed Neutrino Loops           | 韩, 成成     |
| 17:30 | [21] | Power-Law Inflation Survives Observational Constraints                   | 余, 耀      |
| 17:45 | [22] | Graph Path Likelihood for Galaxy Formation on Layered Halo Graphs        | 杨, 大能     |