



## 2026数学物理方法

Friday, 8 May 2026

中期汇报: 中期汇报 (15:25 - 17:25)

time	[id] title	presenter
15:25	[20] 课题 2: The Optical Theorem, Cutkosky Rules and Unstable Particles	刘, 宏基
15:40	[21] 课题 3: Precision QED and Feynman Integrals: The Quest for $g^2$	林, 睿菲
15:55	[22] 课题 5: The KLN Theorem and the Cancellation of Infrared Divergences	吴, 争瑞
16:10	[23] 课题 9: The Analytic S-Matrix: Causality, Unitarity, and the Froissart Bound	LI, Zimu
16:25	[24] 课题 10: Spontaneous Symmetry Breaking and the Higgs Mechanism	汤, 普臣
16:40	[25] 课题 12: The Unruh Effect: Why “Particles” Are Observer-Dependent	LIN, Bowen LUO, Xiyue
16:55	[26] 课题 13: The Schwinger Effect: Vacuum Decay in Strong Electric Fields	陈, 家奇 曾, 肖瑜
17:10	[27] 课题 18: The Casimir Effect: Quantum Forces from Nothing	吕, 圣民 叶, 斌

# Friday, 22 May 2026

中期汇报: 中期汇报2 (15:25 - 17:25)

time	[id] title	presenter
15:25	[28] 课题 1: The Weizsäcker-Williams Method: From Fermi's Insight to the EPA	姜, 文浩 梁, 若愚
15:40	[29] 课题 11: The Cosmological Collider: Particle Physics at the Dawn of Time	刘, 佳茗 展, 羽飞
15:55	[30] 课题 14: Inside the Proton: One-Loop DIS and the DGLAP Evolution	王, 轶宸
16:10	[31] 课题 20: The Trouble with Higher Spin: Rarita-Schwinger Fields and Acausality	CAO, Qijun
16:25	[32] 课题 8: Topological Solitons: Kinks, Vortices, and Monopoles	姚, 善韬
16:40	[33] 课题 16: Entanglement Entropy in Quantum Field Theory	WU, Xinrui TANG, Zhining
16:55	[34] 课题 17: Anomalies: When Quantum Mechanics Breaks Classical Symmetries	HAOCHUN, Sun
17:10	[35] 课题 19: The Weinberg-Witten No-Go Theorem	ZHOU, Yida 李, 承洋