



# Informal School on QCD and Heavy Flavor Physics

Tuesday, 20 May 2025

Effective theories (07:30 – 14:30)

time	[id]	title	presenter
08:00	[22]	Method of Regions	
08:30	[21]	Heisenberg-Euler effective theory and background field	
09:00	[24]	HQET and one-loop renormalization;	
09:30	[25]	Matching of heavy-light and heavy-heavy currents in HQET	
10:00	[26]	B-meson LCDA and Lange-Neubert evolution	
10:30	[27]	Heavy quark mass and renormalons	
11:00	[28]	Heavy quarkonium and NRQCD	
11:30	[29]	Introduction to Soft-Collinear Effective theory	
12:00	[30]	BBNS factorization for B-meson exclusive decays	
12:30	[31]	$k_T$ factorization	
13:00	[32]	OPE analysis of the B-meson inclusive decays, the B-meson shape function	
13:30	[33]	Introduction to chiral perturbation theory	徐, 吉