

# The 6<sup>th</sup> OCPA Accelerator Topical School and Workshop

	SUN, Oct. 13	MON, Oct. 14	TUE, Oct. 15	WED, Oct. 16	THU, Oct. 17	FRI, Oct. 18	
8:00-9:00		Basic concepts: beam brightness & beam dynamics 唐传祥	Physics of diffraction-limited rings: basics & advanced topics 焦毅	High gradient, high frequency NC structures 顾强	LLRF and timing 耿哲峤	Induction linacs 龙继东	
9:00-10:00		Electron guns 刘伟强	Rings: technical challenges & facilities 王琳	SRF structures 刘克新	Diagnostics: Basics and advanced topics 冷用斌	Electron Cooling 冒立军	
10:00-10:15		Break					
10:15-11:15		Electron guns 刘伟强	FEL: physics and new concepts 邓海啸	Laser dielectric acceleration 黄衍介	Beam shaping 黄森林	Medical & industrial applications 陈怀璧	
11:15-12:15		Laser for bright electron beams 吴国荣	FEL: technologies, facilities and sciences 张未卿	Laser wakefield acceleration 安维明	THz to IR generation w/ bright e-beams 贾启卡	Summary and close	
12:20		Lunch					
14:00-15:00		Registration Liu-Qing Building on Tsinghua main campus	Photocathode physics and technology 谢华木	Steady-state micro- bunching (SSMB) 赵午	Excursion	Student talks (6)	Return to Tsinghua main campus
15:00-16:00	Inverse Compton scattering (ICS) 杜应超						
16:00-16:15	Transit from Tsinghua main campus to San-pu	Break		Break			
16:15-17:15		Student talks (5)	Student talks (5)	Student talks (5)			
17:15-17:55							
18:15	Dinner				Banquet		
19:30-21:30	Free time and social event	Student talks (6)	Student talks (6)	Student talks (6)	Free time		

7 student presentation sessions: **20 mins per talk, 39 talks**