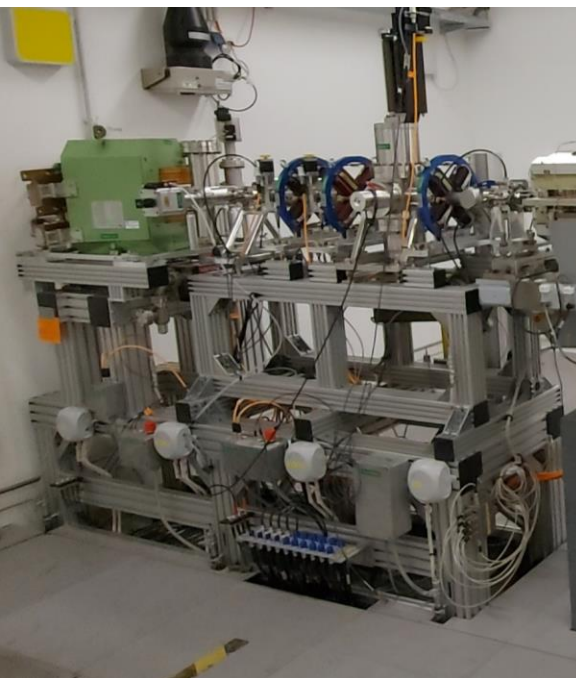


Mini-workshop on THz@PITZ

15.03.2023



Time	Section	Topics	Who	Location
10:00	Introduction Experimental results	THz @ PITZ motivation, PITZ beamline and parameter space	M. Krasilnikov	PITZ control room
10:15		SASE FEL, gain curves for various bunch charge, first seeding		
10:30		FEL tuning and optimization procedure, matching into LCLS-I undulator	X.-K. Li	
10:45				
11:00	Facility tour			PITZ tunnels
11:15				
11:30	Coffee break			Seminar room 5 (Villa)
11:45	Feedback and other facilities	First feedback from experts?		
12:00		Laser-based THz at EuXFEL	I. Radu	
12:15		TELBE	M. Klopff	
12:30	Lunch (DESY canteen)			
12:45				
13:00				
13:15				
13:30	THz diagnostics	PITZ: current status and upgrade	P. Boonpornprasert	
13:45		THz diagnostics at TELBE	M. Klopff	
14:00		THz beam diagnostics at FLASH	E. Zapolnova	
14:15		Discussion: EOS at PITZ?		
14:30		Other diagnostics (also spectrometry?)		
14:45	Bunch compression and other issues	PITZ BC commissioning, its applications for THz generation	E. Kongmon	
15:00		TELBE: BC experience	U. Lehnert	
15:15				
15:30	Coffee break			
15:45	Simulations	s2e SASE simulations (ASTRA+GENESIS, WARP, ...)	X.-K. Li	
16:00		THz FEL seeding simulations	G. Georgiev	
16:15				
16:30				
16:45	Outlook and discussions	CDR, next steps	M. Krasilnikov	
17:00		THz @ PITZ - CDR, "ideal machine"	P. Boonpornprasert	
17:15		DALI as THz "ideal machine"	P. Evtushenko	
17:30		Pilot experiments with THz from PITZ?	DLR, FHI?	
17:45		...		
18:00		Possible collaborations?,...		
18:15				
18:30				

