

Mini Workshop: Accelerator Physics (IAS2042)

Jan 18 - 19, 2024 at 09:00 - 18:00

		Jan 18, 2024 (Thu) [Day 1]		Jan 19, 2024 (Fri) [Day 2]	
Th-AP01		Chair: Jie GAO (IHEP)		Chair: Jie GAO (IHEP)	
		Title	Speaker	Title	Speaker
	9:00	Future Accelerator Projects in Asia/Australia	Jie GAO (IHEP)	SC Magnets for FCCee Collider Ring	Michael KORATZINOS (CERN)
	9:30	EAJADE Sustainability Activities for Future Large Accelerators and Colliders	Maxim TITOV (CEA Saclay, Irfu)	Permanent Magnets Applications in Accelerators	Mei YANG (IHEP)
	10:00	CEPC Towards a Green Collider	Yuhui LI (IHEP)	Applications of High Field Superconductivity Technology	Qingjin XU (IHEP)
Th-AP02	10:30 - 11:00	Break		Break	
		Chair: Maxim TITOV (CEA Saclay, Irfu)		Chair: Yuhui LI (IHEP)	
		Title	Speaker	Title	Speaker
	11:00	Green ILC [Zoom]	Masakazu YOSHIOKA (KEK)	HEPS Green Energy Applications	Jinshu HUANG (IHEP)
	11:30	CO ₂ Reduction Optimization with Future Colliders Design, Construction and Operation [Zoom]	Dou WANG (IHEP)	Economical and High Efficiency Industrial Production of Accelerator Components	Song JIN (IHEP)
11:45					
12:00	Energy Recover and Reuse Technology Studies for Large Green Accelerators	Rui GE (IHEP)			
Th-AP03	12:30 - 14:00	Self-arranged Lunch		Self-arranged Lunch	
		Chair: Michael KORATZINOS (CERN)		F-AP03	
		Title	Speaker		
14:00	High Q and High Field SC Cavity Studies and Applications in Green Accelerators	Jiyuan ZHAI (IHEP)			
14:45	High Efficiency Klystron Studies and Development for Green Colliders	Zusheng ZHOU (IHEP)			
Th-AP04	15:30 - 16:00	Break		Free Time	
		Chair: Tohru TAKAHASHI (U of Hiroshima) [Zoom]			
		Title	Speaker		
	16:00	Overview of the Xsuite Accelerator Simulation Framework [Zoom]	Giovanni IADAROLA (CERN)		
	16:30	IHEP C3 Technology Studies	Jingru ZHANG (IHEP)		
17:00	Beam Driven Plasma Accelerator and Efficiency Study	Dazhang LI (IHEP)			