Program for the 2025 CAS - Intensity Limitations in Hadron Beams

	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
	15/06	16/06	17/06	18/06	19/06	20/06	21/06	22/06	23/06	24/06	25/06	26/06	27/06
08:30	Arrival day and registration	Opening / Local presentation Tecker et al.	Bench Measurements and Simulations of Beam Coupling Impedance A. Mostacci (INFN)	High-Intensity linac beam-dynamics A. Lombardi	Transverse HI ring beam-instabilities + mitigations I X. Buffat	Intrabeam Scattering A. Wolski (Liverpool U.)	Excursion	Beam Based Impedance Measurements A Lasheen	RFQ + Cavities (NC + SC) C. Plostinar (ESS)	Free study time	Beam Intercepting devices A. Perillo Marcone	HI radioactive ion beams	Departure day
09:30													
09:40		Introduction and demands for high intensity Y. Papaphilippou	Space Charge Effects in Linacs E. Laface (ESS)	Numerical methods in high-intensity linacs E. Laface (ESS)	Cyclotrons M. Seidel (PSI)	Beam-Beam Effects in Hadron Colliders X. Buffat		Particle Matter interaction G. Lerner	Cryogenics B. Bradu		Injection, Extraction II M. Fraser	Operation + Maintenance issues A. Perillo Marcone	
10:40		Coffee						Coffee					
11:10		Frontiers for linear machines M.Eshraqi (ESS)	Sources and Low Energy Beam Transfer D.Faircloth (ISIS)	Linac Instabilities + mitigations A. Lombardi	Transverse HI ring beam-instabilities + mitigations II X. Buffat	FFAs M. Seidel (PSI)		Numerical methods in high-intensity rings A. Lasheen	RF design for high-intensity C. Plostinar (ESS)		Ions M. Steck (GSI)	Cooling of high-intensity beams M. Steck (GSI)	
12:15		Lunch		Space Charge in Circular Machines F. Asvesta	Lunch			Lunch					
13:20				Lunch									
13:45		Frontiers for circular machines C. Rogers (ISIS)	Neutron Sources M. Eshraqi (ESS)		Diagnostics in High Intensity Beams I P. Forck (GSI)	Longitudinal HI ring beam-instabilities + mitigations I I. Karpov		Beam loss Mechanisms + Machine Protection A. Nordt (ESS)	Case studies	Collimation N. Fuster (IFIC)	Case studies	Hadron Colliders M. Zerlauth	
14:45													
14:55		Wakefields and Impedances I A. Mostacci (INFN)	Lattice design for high intensity rings Y. Papaphilippou	Free study time	Electron Cloud L. Mether	Sustainability for High-Intensity Machines M.Seidel (PSI)		Beam Loss consequences G. Lerner		Vacuum Issues S. Calatroni		HI for Accelerator Driven Systems U. Dorda (SCK CEN)	
16:00		Coffee			Coffee			Coffee					
16:30		Wakefields and Impedances II A. Mostacci (INFN)	Neutrino Factories and Muon Colliders C. Rogers (ISIS)		Diagnostics in High Intensity Beams II P. Forck (GSI)	Longitudinal HI ring beam-instabilities + mitigations II I. Karpov		Beam Loading H. Damerau	Case studies	Injection, Extraction I M. Fraser	Case studies	Closing Tecker	
17:30													
17:45		1 slide 1 minute	Poster session										
18:45		Welcome reception											
20:00		Dinner at Hotel										Banquet	
21:00									Cinema event				v2.1