Draft Program for the 2018 CAS - Introduction to Accelerator Physics - Constanta

	Su,16.9.	Mo, 17.9	Tu, 18.9	We, 19.9	Th, 20.9.	Fr, 21.9	Sa,22.9	Su, 23.9	Mo, 24.9	Tu, 25.9	Me, 26.9	Th, 27.9	Fr, 28.9.	Sa, 29.9.
08:30	Arrival day and registration	Opening	Particle motion in Electromagnetic Fields I	Transverse Linear Beam Dynamics II	Fixed Field Alternating Gradient Machines	RF systems I	Non-Linear Beam Dynamics I	Excursion	Beam Instrumentation	Cyclotrons I	Free	Injection and Extraction	Kickers, Septa and Beam Transfer	Bus transfer to Bukarest, ELI visit
09:30														
09:45		Accelerator Applications	Linear Accelerators I	Longitudinal Beam Dynamics in Circular Machines I	Transverse Linear Beam Dynamics IV	Luminosity and Colliders	Advanced accelerator concepts		Collective Effects I	Collective Effects III		Sources	Secondary beams and targets	
10:45		Coffee							Coffee					
11:15		Electromagnetic Theory I	Particle motion in Electromagnetic Fields II	Case studies I	Discussion transverse BD	Discussion longitudinal BD	Case studies II		Beam Diagnostics	Discussion collective effects		Case studies III	Case studies IV	
12:15		Lunch							Lunch					
13:45		Electromagnetic Theory II	Transverse Linear Beam Dynamics I	Transverse Linear Beam Dynamics III	Free	Warm Magnets/power converters	Non-Linear Beam Dynamics II		Collective Effects II	Linear Imperfections II /Corrections	Cyclotrons II	FELs	Alignment and metrology	late lunch at ELI
14:45														
15:00		Kinematics of Particle Beams I - Relativity	Linear Accelerators II	Longitudinal Beam Dynamics in Circular Machines II		RF systems II	Non-Linear bd III (long).		Linear Imperfections I	Electron Beam Dynamics II	Machine & People Protection Issues	Discussion electron beam dynamics	Case studies presentations	
16:00		Coffee				Coffee			Coffee		Coffee	Coffee	Coffee	
16:30		Kinematics of Particle Beams II	Case studies explanation	Vacuum Technology and Systems		Superconducting Magnets	Q&A/study time I #REF!		Electron Beam Dynamics I	Q&A/study time II	Synchrotron light machines/synchrotron radiation	Q&A/study time III	closing	departure
17:30		1 slide 1 minute		Time& Frequency domain		Posters displayed	Poster session with authors present				** Seminar ** tbd			
18:30		Welcome Reception												
19:30		Dinner at Hotel											Banquet	
21:00									cinema event					