	2	3	4	5	6	rogram for the CAS course 7	8	9	10	11	12	13	14
	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
08:00													
8:30		Opening	Standards and Safety	Steels & Stainless Steels II		Beam Intercepting Devices	Additive Manufacturing		Welding I	Vacuum systems for Accelerators		Fabrication summary	Detector Magnets and Structures
		F. Tecker / J.Visser / A.Bertarelli	Luca Dassa (CERN)	Stefano Sgobba (CERN)		Davide Reggiani (PSI)	A. Astarita (Univ. of Naples)		Joseph Mark Krumenacker (SLV)	Vincent Baglin (CERN)		Said Atieh (CERN)	Herman Ten Kate (ex- CERN)
:30		Introd. to Mechanics and Structures I	Computational Tools I (design)	Machining		NC magnets	Large structures for Fusion Technology		Introduction to Metrology	Forming		Undulators	Collider basics
		Martina Scapin (Polito)	Federico Carra (CERN)	Julius Tschoepel (IPK)		Stephane Sanfilippo (PSI)	Neil Mitchell (Gauss Fusion)		Paul Shore (NPL - UK)	Charbel Moussa (CEMEF)		Haimo Joehri (PSI)	Hermann Schmickler (e. CERN)
0:30			Coffee			Coffee			Coffee		Free study time	Coffee	
1:00		Introd. to Mechanics and Structures II	Computational Tools II (fabrication)	Mechanical measurements		SC magnets	Design for Additive Manufacturing	is .	Vacuum brazing	Measurement Uncertainty	-	RF Applications	Beam instrumentation
u	ч	Martina Scapin (Polito)	Federico Carra (CERN)	Kurt Artoos (CERN)		Stephane Sanfilippo (PSI)	A. Astarita (Univ. of Naples)		Serge Mathot (CERN)	Samanta Piano (Nottingham)		Thomas Lucas (PSI)	Ray Veness (CERN)
2:00	egistrati	Introduction to Engineering Materials	Non Destructive Testing	Plastics and Composite Materials		Cryostats and cryomodules	Digital Twins for Accelerators and Detectors		Welding II	Surface Treatments & Coatings		RF Power and Couplers	Alignment and Metrolo
	and r	A. Arauzo (Univ. Zaragoza)	Gonzalo Arnau (CERN)	Ana Teresa Perez (CERN)		Vittorio Parma (CERN)	Oscar Sacristan (CERN)		Romain Gerard (CERN)	Mauro Taborelli (CERN)		Eric Montesinos (CERN)	Hélène Mainaud (CERN
3:00	day			Lui	nch			EX	Lunch				
4:30	Arrival	Introduction to Design for Accelerators	Mechanical Testing	Design (Group B) NDT (Group C)	Mech. Meas.(Group D) Design (Group A) NDT (Group B) Study time (Group C)	Mech. Meas.(Group C) Design (Group D) NDT (Group A) Study time (Group B)	Mech. Meas.(Group B) Design (Group C) NDT (Group D) Study time (Group A)		Metrology (Gr. A) Fabrication (Group B) Visit VDL (Groups C & D)	Metrology (Gr. C) Fabrication (Group D) Visit VDL (Groups A & B)	Metrology (Gr. B) Fabrication (Group A) Visit IBS/Sioux (Groups C & D)	Metrology (Gr. D) Fabrication (Group C) Visit IBS/Sioux (Groups A & B)	Accelerator Technology Highlights
		Marc Timmins (CERN)	Klaus Peter Weiss (KIT)										Hermann Schmickler (e CERN)
5:30		Physical properties & testing	Steels & Stainless Steels I										Closing
16:00 16:30		A. Arauzo (Univ. Zaragoza)	Stefano Sgobba (CERN)		Coffee					Cof	fee		F. Tecker
		Coffee Mech. Meas.(Group A			Mech. Meas.(Group D)	Mech. Meas.(Group C)	Mech. Meas.(Group B)				Metrology (Gr. B)	Metrology (Gr. D)	Coffee
L7:00		Sustainable and Affordable Design		Design (Group B) NDT (Group C)	Design (Group A) NDT (Group B)	Design (Group D) NDT (Group A)	Design (Group C) NDT (Group D)		Metrology (Gr. A) Fabrication (Group B) Visit VDL (Groups C & D)	Metrology (Gr. C) Fabrication (Group D) Visit VDL (Groups A & B)	Fabrication (Group A) Visit IBS/Sioux	Fabrication (Group C) Visit IBS/Sioux	
		Wilfried van Kessel (VDL)	Ignacio Aviles (CERN)	Study time (Group D)	Study time (Group C)	Study time (Group B)	Study time (Group A)				(Groups C & D)	(Groups A & B)	
							1						-
18:00		1S1M		Seminar I		Seminar II			1			1	
18:00 18:30				Seminari		Serie a							