		ОСТ	OBER		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	2	3	4	5	6
08.30 - 09:30					
09:30 - 10:30	Welcome and	Physics of the Cosmos	Physics of the Cosmos	D	
10:30 - 11:30	Instructions	Particle Physics	Particle Physics	Programming	
11:30 - 12:30	EA / DMPP	EA / DMPP	EA / DMPP	EA / DMPP	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30					
16:00 -					
	9	10	11	12	13
08.30 - 09:30					
09:30 - 10:30		Physics of the Cosmos	Physics of the Cosmos		
10:30 - 11:30	Programming	Particle Physics	Particle Physics		
11:30 - 12:30	EA / DMPP	EA / DMPP	EA / DMPP		
12:30 - 13:30	Statistics	Statistics	Statistics		
13:30 - 14:30	Otatistics	Otatistics	Otationes		
16:00 -					
10.00 -	16	17	18	19	20
08.30 - 09:30	10	17	10	19	20
09:30 - 10:30		Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	
	Programming	· .	·		
10:30 - 11:30		Particle Physics	Particle Physics	Particle Physics	
11:30 - 12:30	EA / DMPP	EA / DMPP	EA / DMPP	EA / DMPP	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30					
16:00 -					
	23	24	25	26	27
08.30 - 09:30					
09:30 - 10:30	Programming	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	
10:30 - 11:30	1 Togramming	Particle Physics	Particle Physics	Particle Physics	
11:30 - 12:30	EA / DMPP	EA / DMPP	EA / DMPP	EA / DMPP	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30		Gialiblics			
16:00 -					
	30	31			
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos			
10:30 - 11:30	Particle Physics	Particle Physics			
11:30 - 12:30	EA / DMPP	EA / DMPP			
12:30 - 13:30	Statistics				
13:30 - 14:30		Statistics			
16:00 -					

		NOVE	MBER		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			1	2	3
08.30 - 09:30				Physics of the Cosmos	
09:30 - 10:30				Particle Physics	
10:30 - 11:30				EA / DMPP	
11:30 - 12:30				Statistics	
12:30 - 13:30					
13:30 - 14:30					
16:00 -					
	6	7	8	9	10
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos		
10:30 - 11:30	Particle Physics	Particle Physics	Particle Physics	Programming	
11:30 - 12:30	EA / DMPP	EA / DMPP	EA / DMPP	Extragalactic Astrophysics	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30	Cidionos	Otationio	Cidiono	Cidiotico	
16:00 -					
10.00	13	14	15	16	17
08.30 - 09:30	10		10	10	- 17
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos		
10:30 - 10:30	· · · · · · · · · · · · · · · · · · ·	•		Programming	
	Particle Physics	Particle Physics	Particle Physics		
11:30 - 12:30	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30					
16:00 -					
	20	21	22	23	24
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	Programming	
10:30 - 11:30	Particle Physics	Particle Physics	Particle Physics		
11:30 - 12:30	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	
12:30 - 13:30	Statistics	Statistics	Statistics	Statistics	
13:30 - 14:30					
16:00 -					
	27	28	29	30	
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	
10:30 - 11:30	Particle Physics	Particle Physics	Particle Physics	Particle Physics	
11:30 - 12:30	Extragalactic	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	
12:30 - 13:30	Astrophysics	Statistics	Statistics	Statistics	
13:30 - 14:30	Laboratoty				
16:00 - 17:00	Detection Methods	Detection Methods	Detection Methods	Detection Methods	
17:00 - 18:00	in Particle Physics	in Particle Physics	in Particle Physics	in Particle Physics	

		DECE	MBER		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
					1
08.30 - 09:30					
09:30 - 10:30					
10:30 - 11:30					
11:30 - 12:30					
12:30 - 13:30					
13:30 - 14:30					
16:00 - 17:00					Detection Methods
17:00 - 18:00					in Particle Physics
	4	5	6	7	8
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos		Physics of the Cosmos	
10:30 - 11:30	Particle Physics	Particle Physics		Particle Physics	
11:30 - 12:30	Extragalactic Astrophysics	Extragalactic Astrophysics		Extragalactic Astrophysics	
12:30 - 13:30	Statistics	Statistics		Statistics	
13:30 - 14:30					
16:00 -					
	11	12	13	14	15
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos		Physics of the Cosmos	Physics of the Cosmos	
10:30 - 11:30	Particle Physics	Programming	Particle Physics	Particle Physics	
11:30 - 12:30	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic	
12:30 - 13:30	Statistics	Statistics	Statistics	Astrophysics	
13:30 - 14:30				Laboratoty	
16:00 -					
	18	19	20	21	22
08.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos		Di : (II 0	
10:30 - 11:30	Particle Physics	Particle Physics	Programming	Physics of the Cosmos	
11:30 - 12:30			Statistics	D (1.1 D)	
12:30 - 13:30	Programming	Programming		Particle Physics	
13:30 - 14:30					
16:00 -					

		JAN	UARY		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	1	2	3	4	5
3.30 - 09:30					
9:30 - 10:30					
0:30 - 11:30					
1:30 - 12:30					
2:30 - 13:30					
3:30 - 14:30					
16:00 -					
	8	9	10	11	12
8.30 - 09:30					
09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	Physics of the Cosmos	
10:30 - 11:30	1 Hysics of the Cosmos	1 Hysics of the Cosmos	1 Hysics of the Cosmos	1 Hysics of the Cosmos	
1:30 - 12:30	Particle Physics	Statistics	Particle Physics	Particle Physics	
2:30 - 13:30	T dittole i frysles		r undoic r mydiod	1 didde i flydiod	
3:30 - 14:30					
16:00 -					
	15	16	17	18	19
.30 - 09:30					
:30 - 10:30		Physics of the Cosmos			
:30 - 11:30	Statistics	Particle Physics			
:30 - 12:30	Particle Physics				
2:30 - 13:30	. a.dolo i figoloo				
3:30 - 14:30					
16:00 -					
	22	23	24	25	26
8.30 - 09:30					
9:30 - 10:30					
0:30 - 11:30					
1:30 - 12:30					
2:30 - 13:30					
3:30 - 14:30					
16:00 -					
	29	30	31		
3.30 - 09:30					
9:30 - 10:30					
0:30 - 11:30		Cosmology / HPC	Cosmology / HPC		
1:30 - 12:30		Cosmology / HPC	Cosmology / HPC		
:30 - 13:30		Analysis Tools in	Analysis Tools in		
:30 - 14:30		Particle Physics	Particle Physics		
:30 - 17:30		MMEC / Dark Universe	MMEC / Dark Universe		
:30 - 18:30		WWW.EO / Dark Oniverse	WINEO / Balk Offiverse		
		FEBR	RUARY		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				1	2
8.30 - 09:30					
9:30 - 10:30					
0:30 - 11:30				Cosmology / UDC	
1:30 - 12:30				Cosmology / HPC	
2:30 - 13:30				Analysis Tools in	
3:30 - 14:30				Particle Physics	
6:30 - 17:30				MMEC (Ded: Us:	
7:30 - 18:30				MMEC / Dark Universe	
	5	6	7	8	9
8.30 - 09:30					
9:30 - 10:30					
0:30 - 11:30		0 1	0 1 :::50	0 1 (1/70	
1:30 - 12:30		Cosmology / HPC	Cosmology / HPC	Cosmology / HPC	
12:30 - 13:30		Analysis Tools in	Analysis Tools in	Analysis Tools in	
3:30 - 14:30		Particle Physics	Particle Physics	Particle Physics	
6:30 - 17:30					
7:30 - 18:30		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
	12	13	14	15	16
8.30 - 09:30					
				0 1 (1/70	
9:30 - 10:30		0 1		Cosmology / HPC	
09:30 - 10:30 10:30 - 11:30		Cosmology / HPC	Cosmology / HPC		
9:30 - 10:30 0:30 - 11:30 1:30 - 12:30				Analysis Tools in	
9:30 - 10:30 0:30 - 11:30 1:30 - 12:30 2:30 - 13:30		Cosmology / HPC  Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	
9:30 - 10:30 10:30 - 11:30 11:30 - 12:30 12:30 - 13:30 13:30 - 14:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Particle Physics	
09:30 - 10:30 10:30 - 11:30 11:30 - 12:30 12:30 - 13:30 13:30 - 14:30		Analysis Tools in	Analysis Tools in	Analysis Tools in Particle Physics	
08.30 - 09:30 09:30 - 10:30 10:30 - 11:30 11:30 - 12:30 12:30 - 13:30 13:30 - 14:30 17:30 - 18:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Particle Physics	
9:30 - 10:30 10:30 - 11:30 11:30 - 12:30 2:30 - 13:30 3:30 - 14:30 6:30 - 17:30	19	Analysis Tools in Particle Physics MMEC / Dark Universe	Analysis Tools in Particle Physics MMEC / Dark Universe	Particle Physics  MMEC / Dark Universe	23
30 - 10:30 :30 - 11:30 :30 - 12:30 :30 - 13:30 :30 - 14:30 :30 - 17:30	19	Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Particle Physics	23

10:30 - 11:30		Cosmology / HPC	Cosmology / HPC	Cosmology / HPC	
11:30 - 12:30					
12:30 - 13:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	
13:30 - 14:30 16:30 - 17:30		1 druoic 1 Hyoloo	T dittole i frysles	T diadic i flysics	
		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
	00	07		00	
00.00.00.00	26	27	28	29	
08.30 - 09:30					
09:30 - 10:30					
10:30 - 11:30		Cosmology / HPC	Cosmology / HPC	Cosmology / HPC	
11:30 - 12:30					
12:30 - 13:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	
13:30 - 14:30 16:30 - 17:30		T distalled 1 Hydrod	T di dolo i Tijoloo	T di diolo i Tiyoloo	
		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
		MA	RCH		
TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
09.30 00:30					1
08.30 - 09:30 09:30 - 10:30					
10:30 - 11:30					
11:30 - 12:30					
12:30 - 13:30					
13:30 - 14:30					
16:30 - 17:30					
17:30 - 18:30					
	4	5	6	7	8
08.30 - 09:30					
09:30 - 10:30					
10:30 - 11:30		Cosmology / HPC	Cosmology / HPC	Cosmology / HPC	
11:30 - 12:30					
12:30 - 13:30		Analysis Tools in	Analysis Tools in	Analysis Tools in	
13:30 - 14:30		Particle Physics	Particle Physics	Particle Physics	
16:30 - 17:30		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
	11	12	13	14	15
08.30 - 09:30					
09:30 - 10:30					
10:30 - 11:30		Cosmology / HPC	Cosmology / HPC	Cosmology / HPC	
11:30 - 12:30		2220.083 . 111 0		2220.09, 7111 0	
12:30 - 13:30		Analysis Tools in	Analysis Tools in	Analysis Tools in	
13:30 - 14:30		Particle Physics	Particle Physics	Particle Physics	
16:30 - 17:30		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
	10	40	20	24	20
08.30 - 09:30	18	19	20	21	22
08:30 - 09:30					
10:30 - 10:30					
10:30 - 11:30		Cosmology / HPC	Cosmology / HPC		
11:30 - 12:30 12:30 - 13:30		Analysis Taylor	Anglissis To 1		
13:30 - 13:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics		
16:30 - 14:30		, , , , , , , , ,	7-11-1		
17:30 - 18:30		MMEC / Dark Universe	MMEC / Dark Universe		
11.30 10.00					
	25	26	27	28	29
08.30 - 09:30	20	20	21	20	
09:30 - 10:30					
10:30 - 11:30					
11:30 - 12:30					
12:30 - 12:30					
13:30 - 14:30					
16:30 - 17:30					
17:30 - 18:30					
Notes					
The lectures take	e place at the 'Aula 11' of the S	cience Faculty, except for the	ones of 'Detections Methods a	and Techniques for Particle Phys	sics', that take place at the
'Aula 10', and the	eir laboratory, that take place a	t the "Laboratorio de Radiacti	vidad", of the Science Faculty.		
				December and/or January, on o	
As much as poss	sible, the course 'Frontier Rese	arch in Astrophysics and Part	ticle Physics' will take place on	FRIDAY morning. These lecture	es would take place on-line
many of them co	om (either at the 'Aula 11' of the me from abroad).	s ocience Faculty or at the "S	aia iviarie Gurie", IFCA), depen	iding on the needs of the speak	ers (take into account that
	ctions Methods and Techniques	s for Particle Physics"			
	erformance Computing"	- ,			
	-messenger Exploration of the	Cosmos"			

	extraordinary evaluation 12 February		
Final grades for the second semester:	ordinary evaluation 28 June		
	extraordinary evaluation 19 July		