

			OCTOBER				
	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
		2	3	4	5	6	
	08.30 - 09:30						
	09:30 - 10:30	Welcome and Instructions	Physics of the Cosmos	Physics of the Cosmos	Programming		
	10:30 - 11:30		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 -						
		9	10	11	12	13	
	08.30 - 09:30						
	09:30 - 10:30	Programming	Physics of the Cosmos	Physics of the Cosmos			
	10:30 - 11:30		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						
	16:00 -						
		16	17	18	19	20	
	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		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		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 -						
		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	Statistics				
	13:30 - 14:30						
	16:00 -						

			NOVEMBER				
	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	Programming		
	10.30 - 11.30	Particle Physics	Particle Physics	Particle Physics			
	11.30 - 12.30	EA / DMPP	EA / DMPP	EA / DMPP	Extragalactic Astrophysics		
	12.30 - 13.30	Statistics	Statistics	Statistics	Statistics		
	13.30 - 14.30						
	16:00 -						
		13	14	15	16	17	
	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 -						
		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 Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics	Extragalactic Astrophysics		
	12.30 - 13.30	Statistics	Statistics	Statistics	Statistics		
	13.30 - 14.30						
	16:00 - 17:00	Detection Methods in Particle Physics	Detection Methods in Particle Physics	Detection Methods in Particle Physics	Detection Methods in Particle Physics		
	17:00 - 18:00						

		DECEMBER					
	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
	08.30 - 09:30					1	
	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 in Particle Physics	
	17:00 - 18:00						
		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	Programming	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	Extragalactic Astrophysics Laboratoly		
	12:30 - 13:30	Statistics	Statistics	Statistics			
	13:30 - 14:30						
	16:00 -						
		18	19	20	21	22	
	08.30 - 09:30						
	09:30 - 10:30	Physics of the Cosmos	Physics of the Cosmos	Programming	Physics of the Cosmos		
	10:30 - 11:30	Particle Physics	Particle Physics		Particle Physics		
	11:30 - 12:30	Programming	Programming	Statistics			
	12:30 - 13:30				Particle Physics		
	13:30 - 14:30						
	16:00 -						

		JANUARY					
	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
		1	2	3	4	5	
	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 -						
		8	9	10	11	12	
	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						
	11:30 - 12:30	Particle Physics	Statistics	Particle Physics	Particle Physics		
	12:30 - 13:30						
	13:30 - 14:30						
	16:00 -						
		15	16	17	18	19	
	08.30 - 09:30						
	09:30 - 10:30		Physics of the Cosmos				
	10:30 - 11:30	Statistics	Particle Physics				
	11:30 - 12:30	Particle Physics					
	12:30 - 13:30						
	13:30 - 14:30						
	16:00 -						
		22	23	24	25	26	
	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 -						
		29	30	31			
	08.30 - 09:30						
	09:30 - 10:30						
	10:30 - 11:30						
	11:30 - 12:30		Cosmology / HPC	Cosmology / HPC			
	12:30 - 13:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics			
	13:30 - 14:30						
	16:30 - 17:30		MMEC / Dark Universe	MMEC / Dark Universe			
	17:30 - 18:30						
		FEBRUARY					
	TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
					1	2	
	08.30 - 09:30						
	09:30 - 10:30						
	10:30 - 11:30				Cosmology / HPC		
	11:30 - 12:30						
	12:30 - 13:30				Analysis Tools in Particle Physics		
	13:30 - 14:30						
	16:30 - 17:30				MMEC / Dark Universe		
	17:30 - 18:30						
		5	6	7	8	9	
	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		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe		
	17:30 - 18:30						
		12	13	14	15	16	
	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		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe		
	17:30 - 18:30						
		19	20	21	22	23	
	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		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
	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		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
		MARCH			
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					
16:30 - 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 Particle Physics	Analysis Tools in Particle Physics	Analysis Tools in Particle Physics	
13:30 - 14:30					
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					
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		MMEC / Dark Universe	MMEC / Dark Universe	MMEC / Dark Universe	
17:30 - 18:30					
	18	19	20	21	22
08:30 - 09:30					
09:30 - 10:30					
10:30 - 11:30		Cosmology / HPC	Cosmology / HPC		
11:30 - 12:30					
12:30 - 13:30		Analysis Tools in Particle Physics	Analysis Tools in Particle Physics		
13:30 - 14:30					
16:30 - 17:30		MMEC / Dark Universe	MMEC / Dark Universe		
17:30 - 18:30					
	25	26	27	28	29
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					
Notes					
The lectures take place at the 'Aula 11' of the Science Faculty, except for the ones of 'Detections Methods and Techniques for Particle Physics', that take place at the 'Aula 10', and their laboratory, that take place at the "Laboratorio de Radiactividad", of the Science Faculty.					
The Laboratory sessions of 'Detections Methods and Techniques for Particle Physics' will take place during December and/or January, on dates to be confirmed.					
As much as possible, the course 'Frontier Research in Astrophysics and Particle Physics' will take place on FRIDAY morning. These lectures would take place on-line or at the classroom (either at the 'Aula 11' of the Science Faculty or at the 'Sala Marie Curie', IFCA), depending on the needs of the speakers (take into account that many of them come from abroad).					
"DMPP" = "Detections Methods and Techniques for Particle Physics"					
"HPC" = "High Performance Computing"					
"MMEC" = "Multi-messenger Exploration of the Cosmos"					
Final grades for the first semester:		ordinary evaluation 23 January			

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