

2nd CERN-Fermilab Hadron Collider Physics Summer School Daily Programme

Tuesday 05 June 2007

Registration (14:00 ->18:00) Location: Reception bdg 33

Wednesday 06 June 2007

Registration (08:00 ->08:45) Location: 6/2-004

09:00	Welcome (15')	Jos Engelen, CSO
09:15	Introduction to electroweak theory and Higgs physics (I) (1h00')	Dieter Zeppenfeld
<i>10:15 Coffee break (15')</i>		
10:30	LHC Accelerator Complex (I) (1h00')	Jorg Wenninger
11:30	Statistics (I) (1h00')	Glen Cowan
<i>12:30 Lunch (2h30')</i>		
15:00	Physics of heavy flavours (I) (1h00')	Yosef Nir
<i>16:00 Coffee break (30')</i>		
16:30	Discussion groups (1h30')	
19:00	Welcome Reception	

Thursday 07 June 2007

09:15	Introduction to electroweak theory and Higgs physics (II) (1h00')	Dieter Zeppenfeld
<i>10:15 Coffee break (15')</i>		
10:30	LHC Accelerator Complex (II) (1h00')	Jorg Wenninger
11:30	Physics of heavy flavours (II) (1h00')	Yosef Nir
<i>12:30 Lunch (2h30')</i>		
15:00	Main Auditorium Colloquium Main Dilemmas in Particle Physics for the LHC (1h00')	Guido Altarelli
16:30	Discussion - groups (1h30')	

Friday 08 June 2007

09:15	Introduction to electroweak theory and Higgs physics (III) (1h00')	Dieter Zeppenfeld
<i>10:15 Coffee break (15')</i>		
10:30	Statistics (II) (1h00')	Glen Cowan
11:30	Heavy quarks at the LHC (I) (1h00')	Frederic Teubert
<i>12:30 Lunch (1h30')</i>		
14:00	Visits Experiments	

Saturday 09 June 2007

09:15	QCD & Monte Carlo tools (I) (1h00')	Frank Krauss
<i>10:15 Coffee break (15')</i>		
10:30	Preparing for the LHC (physics commissioning) (I) (1h00')	Darin Acosta
11:30	Heavy quarks at the LHC (II) (1h00')	Frederic Teubert
<i>12:30 Lunch (2h30')</i>		
15:00	QCD & Monte Carlo tools (II) (1h00')	Frank Krauss
<i>16:00 Coffee break (30')</i>		
16:30	Discussion - groups (1h30')	

Sunday 10 June 2007

09:00 Excursion to Chamonix

Monday 11 June 2007

09:15	QCD & Monte Carlo tools (III) (1h00')	Frank Krauss
10:15	<i>Coffee break (15')</i>	
10:30	Particle detection and reconstruction (I) (1h00')	Daniel Froidevaux
11:30	Preparing for the LHC (physics commissioning) (II) (1h00')	Darin Acosta
12:30	<i>Lunch (2h30')</i>	
15:00	Physics beyond the Standard Model (I) (1h00')	David E. Kaplan
16:00	<i>Coffee break (30')</i>	
16:30	Discussion - groups (1h30')	

Tuesday 12 June 2007

09:15	Particle detection and reconstruction (II) (1h00')	Daniel Froidevaux
10:15	<i>Coffee break (15')</i>	
10:30	QCD & Monte Carlo tools (IV) (1h00')	Frank Krauss
11:30	Preparing for the LHC (physics commissioning) (III) (1h00')	Darin Acosta
12:30	<i>Lunch (2h30')</i>	
15:00	Physics beyond the Standard Model (II) (1h00')	David E. Kaplan
16:00	<i>Coffee break (30')</i>	
16:30	Main Auditorium Seminar - The path from LHC data to the New Standard Model via On-shell Effective Theories (1h00')	Nima Arkani-Hamed
18:00	Discussion - groups (1h30')	

Wednesday 13 June 2007

09:15	Particle detection and reconstruction (III) (1h00')	Daniel Froidevaux
10:15	<i>Coffee break (15')</i>	
10:30	Physics beyond the Standard Model (III) (1h00')	David E. Kaplan
11:30	Preparing for the LHC (physics commissioning) (IV) (1h00')	Darin Acosta
12:30	<i>Lunch (2h00')</i>	
14:30	The road to discovery at the LHC (I) (1h00')	Andrew Parker
15:30	<i>Coffee break (30')</i>	
16:00	Discussion - groups (1h30')	
18:00	Evening cruise and dinner	

Thursday 14 June 2007

09:15	The road to discovery at the LHC (II) (1h00')	Andrew Parker
10:15	<i>Coffee break (15')</i>	
10:30	From trigger to analysis (I) (1h00')	Avi Yagil
11:30	Particle detection and reconstruction (IV) (1h00')	Daniel Froidevaux
12:30	<i>Lunch (2h30')</i>	
15:00	The road to discovery at the LHC (III) (1h00')	Andrew Parker
16:00	<i>Coffee break (30')</i>	
16:30	Discussion - groups (1h30')	

Friday 15 June 2007

09:15	From trigger to analysis (II) (1h00')	Avi Yagil
10:15	<i>Coffee break (15')</i>	
10:30	The road to discovery at the LHC (IV) (1h00')	Andrew Parker
11:30	Discussion - all (1h00')	
12:30	<i>Lunch</i>	