



# Flavour as a Window to New Physics at the LHC

## Monday 26 May 2008

**Week IV: B@LHC Focus Week: Joint Start-up Session (with HERA-LHC Workshop) - 500/1-001 - Main Auditorium**  
**(14:00 - 18:30)**

time	[id] title	presenter
14:00	[55] Joint Welcome	DE ROECK, Albert FLEISCHER, Robert
14:05	[56] LHC machine status	LAMONT, Mike
14:30	[57] LHCb physics programme	MERK, Marcel
15:00	[58] ATLAS B-physics programme	BEN-AMI, Sagi
15:15	[59] CMS B-physics programme	STARODUMOV, Andrei
15:30	[60] B-physics theory overview	BIGI, Ikaros
16:00	Coffee Break	
16:30	[95] Recent Results from HERA	DIACONU, Christi
17:00	[96] Jet Physics at Colliders	SALAM, Gavin
17:30	[97] ATLAS Luminosity measurements and PDF uncertainty role on the LHC physics	BOONEKAMP, Martin
18:00	[98] Expectations for QCD with first LHC data	RABBERTZ, Klaus

## Tuesday 27 May 2008

### **Week IV: B@LHC Focus Week: Bs Physics and CP Violation: Bs -> J/psi phi, ... - TH Theory Conference Room (09:30 - 12:00)**

time	[id] title	presenter
09:30	[62] Bs Mixing Phase and CP Violation at the Tevatron	RESCIGNO, Marco
10:00	[63] New physics search in Bs->JpsiPhi and Bs->PhiPhi at LHCb, including ATLAS and CMS results	LEROY, Olivier
10:30	Coffe Break	
11:00	[64] Bs Mixing (Theory)	LENZ, Alexander
11:30	[65] Discussion	

### **Week IV: B@LHC Focus Week: Bs Physics and CP Violation: gamma determinations - TH Theory Conference Room (14:00 - 18:00)**

time	[id] title	presenter
14:00	[66] gamma determination at LHCb	CARBONE, Angelo
14:30	[67] Theory Issues in Measuring gamma	SILVESTRINI, Luca
15:00	Coffee Break	
15:30	[68] Discussion	
16:30	[101] Joint PP/EP Tuesday Seminar: Measurements of the Unitarity Triangle angles at the B factories	BONA, Marcella

# Wednesday 28 May 2008

## Week IV: B@LHC Focus Week: Rare B Decays - TH Theory Conference Room (09:30 - 13:40)

time	[id] title	presenter
09:30	[69] B0s -> mu+mu- in CMS & ATLAS	EGGEL, Christina
09:40	[70] Studies of Semileptonic Rare B Decays at ATLAS and CMS	ADORISIO, Cristina
09:50	[71] Rare Decays at LHCb	PATEL, Mitesh
10:10	Coffee Break	
10:40	[72] Rare B Decays: Theory	MISIAK, Mikolaj
11:10	[73] Discussion	

## Week IV: B@LHC Focus Week - TH Theory Conference Room (14:00 - 16:00)

time	[id] title	presenter
14:00	[74] TH Colloquium: Old and New Flavour Physics	WYLER, Daniel

# Thursday 29 May 2008

## Week IV: B@LHC Focus Week: Charm, Tau, New States, ... - 13/2-005 (10:00 - 12:00)

time	[id] title	presenter
10:00	[75] Charm Physics at LHCb	MURESAN, Raluca
10:30	[76] Charm Physics (Theory)	PETROV, Alexei
11:00	[77] Discussion	

## Week IV: B@LHC Focus Week: Spectroscopy, Lambda b, [V(xb)], ... - TH Theory Conference Room (14:00 - 18:00)

time	[id] title	presenter
14:00	[78] Non-CP Physics at LHCb	SCHMELLING, Michael
14:30	[80] Determination of $V_{cb}$ and $V_{ub}$ (Theory)	URALTSEV, Nikolai
15:00	[81] Discussion	
15:30	Coffe Break	
16:00	[103] Special Seminar: Where to expect New Physics in flavour-violating processes?	BURAS, Andrzej

# Friday 30 May 2008

**Week IV: B@LHC Focus Week: Long-Term Future - TH Theory Conference Room (09:00 - 12:00)**

time	[id] title	presenter
09:00	[82] LHCb upgrade	LIBBY, Jim
09:20	[83] Status and Prospects of sKEKB	USHIRODA, Yutaka
09:40	[84] The SuperB Project: an overview	GIORGI, Marcello
10:00	Coffee Break	
10:30	[85] Non-Perturbative QCD Calculations for B Physics (and related topics)	MARTINELLI, Guido
11:00	[86] Theory Outlook	LIGETI, Zoltan
11:30	[87] Final Discussion	