

PLANCK2010 -- PROGRAMME OVERVIEW

	Monday	Tuesday	Wednesday	Thursday	Friday
9h-9h30	Welcome Heuer & Bloch & Alvarez-Gaumé	Murayama	Covi	Buican	
9h30-10h	Barbieri	Branco	Pokorski	Nilles	Contino
10h-10h30	Rattazzi	Senjanovic	Strumia	Kiritsis	Luty
	coffee break				
11h-11h30	Isidori	Dudas	Quevedo	Redi	Gherghetta
11h30-12h	Pich	Hebecker	Quiros	Gripaios	Zwirner
12h-12h30	Perez	Uranga	Weiglein	Skands	Rychkov
12h30-13h	Qian (D0)	Whiteson (CDF)	Paganis (ATLAS)	Ronga (CMS)	Sibiryakov
	lunch break				
14h30-15h	Csaki	parallel sessions	parallel sessions	parallel sessions	March-Russell
15h-15h30	Pomarol				Hall
15h30-16h	Carena				Buchmuller
16h-16h30	Ross				Sundrum
	coffee break				
17h-17h30	Choi	parallel sessions	parallel sessions	UN visit + dinner (17h-22h30)	Arkani-Hamed
17h30-18h	Nojiri				Randall
18h-18h30	Dobrescu				
18h30-19h					
19h-xx	Cocktail CERN (19h-21h)				

up-to-date timetable available at <http://indico.cern.ch/event/75810>

PLANCK2010 -- PLENARY PROGRAMME

Main Auditorium

MONDAY MAY 31

9.00-9.30	Welcome, by Rolf Heuer, Philippe Bloch, Luis Alvarez-Gaumé		
9.30-10.00	Barbieri	Riccardo	A non-standard supersymmetric spectrum
10.00-10.30	Rattazzi	Riccardo	The naturally light dilaton
10.30-11.00 COFFEE BREAK			
11.00-11.30	Isidori	Gino	Higgs-mediated flavour-changing neutral currents
11.30-12.00	Pich	Antonio	Flavour constraints on the aligned two-Higgs-doublet model
12.00-12.30	Perez	Gilad	Aspects of 3rd generation physics at the LHC
12.30-1.00	Qian	Jianming	Selected results from D0
1.00-2.30 LUNCH			
2.30-3.00	Csaki	Csaba	Electroweak symmetry breaking from monopole condensation
3.00-3.30	Pomarol	Alex	Higgs and co.
3.30-4.00	Carena	Marcela	The MSSM and beyond
4.00-4.30	Ross	Graham	Testing SUSY
4.30-5.00 COFFEE BREAK			
5.00-5.30	Choi	Kiwoon	Mass and spin measurements with MT2 and MAOS momentum
5.30-6.00	Nojiri	Mihoko	On weighting the superpartners at the 'early stage' of LHC
6.00-6.30	Dobrescu	Bogdan	Uplifted supersymmetric Higgs region

TUESDAY JUNE 1

9.00-9.30	Murayama	Hitoshi	LHC and Tevatron Physics
9.30-10.00	Branco	Gustavo	Multi-Higgs models and minimal flavour violation
10.00-10.30	Senjanovic	Goran	LHC and the origin of neutrino mass
10.30-11:00 COFFEE BREAK			
11.00-11.30	Dudas	Emilian	Non-linear MSSM
11.30-12.00	Hebecker	Arthur	Precision gauge unification from extra Yukawa couplings
12.00-12.30	Uranga	Angel	D-brane instantons and phenomenological applications
12.30-1.00	Whiteson	Daniel	Recent results from CDF

WEDNESDAY JUNE 2

9.00-9.30	Covi	Laura	Stable gravitino Dark Matter and the SUSY spectrum
9.30-10.00	Pokorski	Stefan	Beyond minimal flavour violation in family symmetry theories of the fermion masses
10.00-10.30	Strumia	Alessandro	News on Dark Matter
10.30-11:00 COFFEE BREAK			
11.00-11.30	Quevedo	Fernando	Recent developments in the LARGE volume string scenario
11.30-12.00	Quiros	Mariano	Electroweak symmetry breaking from a SM bulk Higgs
12.00-12.30	Weiglein	Georg	Prospects for SUSY and Higgs phenomenology at the LHC
12.30-1.00	Paganis	Stathes	ATLAS overview

THURSDAY JUNE 3

9.00-9.30	Buican	Matthew	SUSY breaking in N=2 QFT
9.30-10.00	Nilles	Hans Peter	The discrete beauty of local grand unification
10.00-10.30	Kirtsis	Elias	Gravity from the landscape of gauge theories
10.30-11:00 COFFEE BREAK			
11.00-11.30	Redi	Michele	Partially supersymmetric composite Higgs models
11.30-12.00	Gripaios	Ben	The race for SUSY
12.00-12.30	Skands	Peter	From partons to pions
12.30-1.00	Ronga	Frederic	CMS overview

FRIDAY JUNE 4

9.00-9.30	Contino	Roberto	Strong double Higgs production
9.30-10.00	Luty	Markus	Strong breaking of electroweak symmetry
10.00-10.30	Nomura	Yasunori	Goldstini
10.30-11:00 COFFEE BREAK			
11.00-11.30	Gherghetta	Tony	Generating fermion mass in emergent electroweak symmetry breaking
11.30-12.00	Zwirner	Fabio	Minimal Z' models and the early LHC
12.00-12.30	Rychkov	Vyacheslav	Towards self-consistent theory of small-angle transplanckian scattering
12.30-1.00	Sibiryakov	Sergey	Gravity without relativity: exploring new approach to quantum gravity
1.00-2.30 LUNCH			
2.30-3.00	March-Russell	John	Physics of Plenitude
3.00-3.30	Hall	Lawrence	A finely-predicted Higgs mass from a finely-tuned weak scale
3.30-4.00	Buchmuller	Wilfried	Broken R-parity in the Sky and at the LHC
4.00-4.30	Sundrum	Raman	SUSY splits, but then returns
4.30-5.00 COFFEE BREAK			
5.00-5.30	Arkani-Hamed	Nima	Scattering amplitudes and emergent spacetime
5.30-6.00	Randall	Lisa	Resonances at the LHC

PLANCK2010 -- PARALLEL PROGRAMME OVERVIEW

TUESDAY JUNE 1

Parallel I: Main Auditorium

Parallel II: Council Chamber

Parallel III: TH Conference room

2.30-4.30

Non-Standard Higgs I

Chair: A. Djouadi

**More formal:
quantum gravity,
susy, sugra, strings ...**

Chair: F. Marchesano

Dark Matter I

Chair: M. Cirelli

4.30-5.00

COFFEE BREAK

5.00-7.00

**Non-Standard Higgs II
(mainly Little Higgs)**

Chair: G. Cacciapaglia

Signatures for LHC

Chair: R. Mahbubani

Dark Matter II

Chair: C. Boehm

WEDNESDAY JUNE 2

Parallel I: Main Auditorium

Parallel II: Council Chamber

Parallel III: TH Conference room

2.30-4.30

Strong Dynamics

Chair: R. Contino

Flavour I

Chair: C. Biggio

Cosmology

Chair: M. Sloth

4.30-5.00

COFFEE BREAK

5.00-7.00

SUSY I

Chair: M. Buican

TeV X-DIM

Chair: E. Ponton

Leptogenesis & Baryogenesis

Chair: T. Konstandin

THURSDAY JUNE 3

Parallel I: Main Auditorium

Parallel II: Council Chamber

Parallel III: TH Conference room

2.30-4.30

Out of the common categories

Chair: S. Sibiryakov

SUSY II

Chair: I. Masina

FLAVOUR II

Chair: F. Joaquim

4.30-5.00

COFFEE BREAK & departure for the UN

PLANCK2010 -- PARALLEL PROGRAMME

TUESDAY JUNE 1

Main Auditorium		NON STANDARD HIGGS		Chairman: Abdelhak Djouadi
2.30-2.45	Dermisek	Radovan	Hidden Higgs scenarios: new constraints and prospects at the LHC	
2.45-3.00	Kolda	Christopher	Lifting the Higgs Mass in a Generalized NMSSM	
3.00-3.15	Lodone	Paolo	Naturalness bounds in extensions of the MSSM without a light Higgs boson	
3.15-3.30	Ponton	Eduardo	Non-Standard Supersymmetric Higgs Sectors	
3.30-3.45	Zupan	Jure	Hiding higgs with leptonic jets	
3.45-4.00	Boughezal	Radja	Precise Predictions for Higgs Production Beyond the SM	
4.00-4.15	Gogoladze	Ilia	Vectorlike Particles, Gauge Coupling Unification and Higgs Boson mass	
4.15-4.30	Takahashi	Fuminobu	Probing Variant Axion Models at LHC	

Council Chamber		MORE FORMAL: quantum gravity, strings, sugra, susy ...		Chairman: Fernando Marchesano
2.30-2.45	Bars	Itzhak	On Predictions of 2T-Physics	
2.45-3.00	Campbell	Bruce	Observing The Hidden Sector of Supersymmetric Theories	
3.00-3.15	Honecker	Gabriele	Intersecting Brane Worlds and Gauge Couplings at 1-Loop	
3.15-3.30	Ambrosetti	Nicola	DBI and universal hypermultiplet in N=2 supersymmetry	
3.30-3.45	Pacetti Correia	Filipe	The flavor of heterotic gauge/gravity duality	
3.45-4.00	Groot Nibbelink	Stefan	Heterotic MSSM on resolved orbifold	
4.00-4.15	Torabian	Mahdi	M-theory Phenomenology	
4.15-4.30	Nielsen	Holger Bech	Random Dynamics, model of fine tuning, dark matter, Tunquska	

TH Conference room		DARK MATTER I		Chairman: Marco Cirelli
2.30-2.45	Batell	Brian	Dark discrete gauge symmetries	
2.45-3.00	Chacko	Zackaria	Is the dark matter particle its own anti-particle?	
3.00-3.15	Sanz	Veronica	Dark Matter Leaves a Trace	
3.15-3.30	West	Stephen	Freeze-In Production of FIMP Dark Matter	
3.30-3.45	Lopez Honorez	Laura	Dark coupled models: treatment and constraints	
3.45-4.00	Boubekeur	Lotfi	The degenerate gravitino scenario	
4.00-4.15	Kouchner	Antoine	Status report on the ANTARES neutrino telescope	
4.15-4.30	Moulin	Emmanuel	Dark matter searches with ground-based Cherenkov telescopes	

4.30-5.00 COFFEE BREAK

Main Auditorium		NON-STANDARD HIGGS II (mainly LITTLE HIGGS)		Chairman: Giacomo Cacciapaglia
5.00-5.15	Gabrielli	Emidio	Testing effective Yukawa couplings in Higgs searches at Tevatron & LHC	
5.15-5.30	Gregoire	Thomas	T-parity in UV complete little Higgs models	
5.30-5.45	Grinstein	Benjamin	Is there a hidden fine tuning in Little Higgs Models?	
5.45-6.00	Vichi	Alessandro	T-parity: its problems and a solution	
6.00-6.15	Surujon	Ze'ev	Spontaneous CP Violation vs. Collective Symmetry Breaking	
6.15-6.30	Coradeschi	Francesco	From Hidden Symmetry to X-Dims: a 5d formulation of the D-BESS model & its RS1 connection	
6.30-6.45	Mrazek	Jan	A Strong Sector at the LHC: Top Partners in Same-Sign Dileptons	
6.45-7.00	Setzer	Nicholas	Unparticle Solution to the Hierarchy Problem	

Council Chamber		SIGNATURES FOR LHC		Chairwoman: Rakhi Mahubani
5.00-5.15	Aguilar Saavedra	Juan Antonio	W spin in top decays: a journey beyond helicity fractions	
5.15-5.30	Rogan	Christopher	Kinematical variables towards new dynamics at the LHC	
5.30-5.45	Kim	Ian-Woo	Algebraic Singularity Methods for Mass Measurements with Missing Energy	
5.45-6.00	Hassanain	Babiker	A stringy top resonance at the LHC	
6.00-6.15	Perez-Victoria	Manuel	Z' and beyond: a model-independent analysis of new vector bosons	
6.15-6.30	Nesti	Fabrizio	Low scale Left-Right symmetry at LHC	
6.30-6.45	Nemevsek	Miha	LHC and the scale of left-right symmetry	
6.45-7.00	Kamenik	Jernej	Signals of Low Scale I+III See-Saw Models	

TH Conference room		DARK MATTER II		Chairwoman: Céline Boehm
5.00-5.15	Lee	Seung	Astrophysical Implications of a Visible Dark Matter Sector from a Custodially Warped-GUT	
5.15-5.30	Feldstein	Brian	Discovering Asymmetric Dark Matter with Anti-Neutrinos	
5.30-5.45	McCullough	Matthew	Capture of Inelastic Dark Matter in White Dwarves.	
5.45-6.00	Tran	David	Gamma-Ray and Neutrino Signatures of Unstable Dark Matter	
6.00-6.15	Raidal	Martti	Matter Parity and Dark Matter Direct Discovery at LHC	
6.15-6.30	Romao	Jorge	Dark Matter and Lepton Flavour Violation in Seesaw Models	
6.30-6.45	Blennow	Mattias	Neutrinos from Kaluza-Klein dark matter in the Sun	
6.45-7.00	Zhang	Yue	Gravitino Dark Matter in light of the PAMELA and Fermi-LAT	

PLANCK2010 -- PARALLEL PROGRAMME

WEDNESDAY JUNE 2

Main Auditorium		STRONG DYNAMICS		Chairman: Roberto Contino
2.30-2.45	Burdman	Gustavo	New Strong Dynamics at the TeV Scale	
2.45-3.00	Santiago	Jose	Lepton Resonances in Composite Higgs Models	
3.00-3.15	Dietrich	Dennis	Dynamical electroweak symmetry breaking by modern walking technicolour	
3.15-3.30	Jarvinen	Matti	Walking technicolor at colliders	
3.30-3.45	Di Chiara	Stefano	Minimal Super Conformal Technicolor	
3.45-4.00	Cynolter	Gabor	Fermion Condensate Model of Electroweak Interactions	
4.00-4.15	Serra	Javi	Beyond the Minimal Composite Higgs Model	
4.15-4.30	Torre	Riccardo	Composite scalars and vectors at the LHC	

Council Chamber		FLAVOUR I		Chairwoman: Carla Biggio
2.30-2.45	Rebelo	Margarida	Minimal Flavour Violation and multi-Higgs Models	
2.45-3.00	Calibbi	Lorenzo	Slepton mass-splittings as a signal of LFV at the LHC	
3.00-3.15	Mahmoudi	Nazila	Flavor data constraints on supersymmetry	
3.15-3.30	Moreno	Jesus	Lepton Flavour Violation and theta ₁₃	
3.30-3.45	Blanchet	Steve	Lepton-flavor-violating signals from SUSY leptogenesis	
3.45-4.00	Schmidt	Michael	A Possible Connection Between Dark Matter and Neutrino Masses and Its Implications	
4.00-4.15	Molinaro	Emiliano	Leptogenesis and Lepton Flavour Violation in See-Saw Models with A ₄ Symmetry	
4.15-4.30	Terri	Ryan	Current Status and Physics Goals of the T2K Experiment	

TH Conference room		COSMOLOGY		Chairman: Martin Sloth
2.30-2.45	Antusch	Stefan	Particle physics models of inflation in supergravity: New developments	
2.45-3.00	Bezrukov	Fedor	Light inflaton -- cosmology and experiments	
3.00-3.15	Lee	Hyun Min	Chaotic inflation in Jordan frame supergravity	
3.15-3.30	Masina	Isabella	CMB and secondaries	
3.30-3.45	Sorbo	Lorenzo	A natural framework for chaotic inflation	
3.45-4.00	Figueroa	Daniel	Gravitational Waves from (p)Reheating	
4.00-4.15	Takahashi	Tomo	Cosmological Aspects of Long-Lived Charged Massive Particles	
4.15-4.30				

4.30-5.00 COFFEE BREAK

Main Auditorium		SUSY I		Chairman: Matthew Buican
5.00-5.15	Romanino	Andrea	Tree level gauge mediation	
5.15-5.30	Falkowski	Adam	Search for non-standard Higgs in hadronic colliders	
5.30-5.45	Shah	Nausheen	Discriminating SUSY breaking scenarios using RG Invariants in the MSSM	
5.45-6.00	Casas	Alberto	MSSM forecast for the LHC	
6.00-6.15	Everett	Lisa	Phenomenological Implications of Deflected Mirage Mediation	
6.15-6.30	Katz	Andrey	Flavor-Violating Signals from Flavor-Conserving SUSY with Sneutrino NLSP	
6.30-6.45	Franceschini	Roberto	Solving the mu problem with a heavy Higgs boson	
6.45-7.00	Paradisi	Paride	Phenomenology of CP violation in SUSY	

Council Chamber		TEV EXTRA DIM		Chairman: Eduardo Ponton
5.00-5.15	Davoudiasl	Hooman	Clean Signals of Little Randall-Sundrum Models at the LHC	
5.15-5.30	Gersdorff	Gero	From soft walls to infrared branes	
5.45-6.00	Huber	Stephan	Variants of warped geometry: phenomenological applications	
5.30-5.45	Hosotani	Yutaka	Gauge-Higgs Unification: LHC and Dark Matter	
6.00-6.15	von Harling	Benedict	A Warped Model of Dark Matter	
6.15-6.30	Asano	Masaki	Z' measurements in Higgsless models at the LHC	
6.30-6.45	Flacke	Thomas	Flavor Violation in Split Universal Extra Dimensions	
6.45-7.00	Park	Seongchan	Split Universal Extra Dimension	

TH Conference room		LEPTOGENESIS BARYOGENESIS		Chairman: Thomas Konstandin
5.00-5.15	Garny	Mathias	Quantum-corrected Boltzmann equations for leptogenesis	
5.15-5.30	Anisimov	Alexey	Quantum Leptogenesis I	
5.30-5.45	Drewes	Marco	Quantum Leptogenesis II	
5.45-6.00	Chung	Daniel	Cosmological Implications of Electroweak Phase Transition	
6.00-6.15	Delaunay	Cedric	Effective MSSM Baryogenesis	
6.15-6.30	Rius	Nuria	Leptogenesis without violation of B-L	
6.30-6.45	Riva	Francesco	Leptogenesis, the Gravitino Bound and Discrete Flavor symmetry	
6.45-7.00	Takeuchi	Tatsu	Ratchet model of baryogenesis	

PLANCK2010 -- PARALLEL PROGRAMME

THURSDAY JUNE 3

Main Auditorium Chairman: Sergey Sibiryakov

OUT OF THE COMMON CATEGORIES			
2.30-2.45	Nicolis	Alberto	The quantum mechanics of perfect fluids
2.45-3.00	Trincherini	Enrico	Galilean Genesis: an alternative to inflation
3.00-3.15	Shaposhnikov	Mikhail	Asymptotic safety of gravity and the Higgs boson mass
3.15-3.30	Shirman	Yuri	Anomaly Constraints on Monopoles and Dyons
3.30-3.45	Serone	Marco	A Simple UV-Completion of QED in 5D
3.45-4.00	Salvio	Alberto	Emergent Gauge Fields in Holographic Superconductors
4.00-4.15	Panico	Giuliano	Massive Pions and Baryons in Holographic QCD
4.15-4.30	Pradler	Josef	Metastable GeV-scale particles as a solution to the cosmological lithium problem

Council Chamber Chairwoman: Isabella Masina

SUSY II			
2.30-2.45	Kraml	Sabine	LHC signatures of Yukawa-unified SUSY
2.45-3.00	Lavignac	Stéphane	Unification and gauge mediation
3.00-3.15	Parmentier	Jeanne	Metastability and Gauge Mediation
3.15-3.30	Bruemmer	Felix	The MSSM with degenerate Higgs mass matrix
3.30-3.45	Guadagnoli	Diego	Sparticle mass determinations at the LHC: the case of SUSY GUTs with Yukawa Unification
3.45-4.00	Mardon	Jeremy	A Definitive Signal of Multiple Supersymmetry Breaking at the LHC
4.00-4.15	Kersten	Joern	Supersymmetric Musings on the Predictivity of Flavour Symmetries
4.15-4.30	Spinner	Sogee	Spontaneous R-parity Violation

TH Conference room Chairman: Filipe Joaquim

FLAVOUR II			
2.30-2.45	Hagedorn	Claudia	GUTs and Flavour: $SU(5) \times S_4$ as example
2.45-3.00	Palti	Eran	Froggatt-Nielsen models from E8 in F-theory GUTs.
3.00-3.15	Velasco-Sevilla	Liliana	Update on structures of Yukawa matrices and CP violation
3.15-3.30	Hodgkinson	Robert	The Geometry of Minimal Flavour Violation
3.30-3.45	Tanimoto	Morimitsu	Non-Abelian Discrete Symmetry in SUSY Flavor Model
3.45-4.00	Ishimori	Hajime	Quark and lepton flavor mixing in S_4 flavor symmetry
4.00-4.15	Barnard	James	Strong coupling, discrete symmetry and flavour
4.15-4.30			

4.30-5.00 COFFEE BREAK & Departure for the UN