



The 19'th Nordic Particle Physics Meeting Spåtind 2006

Date/Time: from Thursday 05 January 2006 (08:45) to Monday 09 January 2006 (23:00)

Location: Spåtind, Norway

Chair: [Eerola, P.](#)

[last update: Monday 02 January 2006]

Thursday 05 January 2006 08:45→15:15	Thursday morning
Thursday 05 January 2006 15:30→21:30	Thursday afternoon
Friday 06 January 2006 08:45→15:15	Friday morning
Friday 06 January 2006 15:30→21:30	Friday afternoon
Saturday 07 January 2006 08:45→15:15	Saturday morning
Saturday 07 January 2006 15:30→21:30	Saturday afternoon
Sunday 08 January 2006 08:45→15:15	Sunday morning
Sunday 08 January 2006 15:30→21:30	Sunday afternoon
Monday 09 January 2006 08:45→15:15	Monday morning
Monday 09 January 2006 15:30→22:30	Monday afternoon

Thursday 05 January 2006**Thursday morning** (08:45→15:15)

08:45	Welcome (15')	
09:00	Fermilab collider physics results and future plans (1/3) (55')	<u>Womersley, J</u> (RAL)
09:55	Coffee	
10:25	Cosmology overview (1/2) (55')	<u>Rajantie, A.</u> (Imperial College London)
11:20	Free time, for example skiing	
13:45	Lunch	

Thursday afternoon (15:30→21:30)

15:30	Split supersymmetry (1/3) (55')	<u>Romanino, A.</u> (SISSA/ISAS)
16:25	Latest news about the LHC and the experiments (55')	<u>Stapnes, S.</u> (University of Oslo)
17:20	Coffee	
17:50	Simulation of R-hadrons in Geant4 (15')	<u>Mackeprang, R.</u> (Niels Bohr Institute)
18:05	Mass measurements of R-hadrons in ATLAS (15')	<u>Johansen, M.</u> (University of Stockholm)
18:20	R-hadrons (15')	<u>De Boer, Y.</u> (ITEP and University of Stockholm)
18:35	Grid for LHC Physics Analysis (30')	<u>Ellert, M.</u> (Uppsala University)

19:05	RPM–based Atlas software distribution ^(15')	<u>Pajchel, K.</u> (University of Oslo)
19:30	Dinner	

Friday 06 January 2006

Friday morning ^(08:45->15:15)		
08:45	Cosmology overview (2/2) ^(55')	<u>Rajantie, A.</u> (Imperial College London)
09:40	Towards a 5 TeV e+e- collider ^(20')	<u>Ekelöf, T.</u> (Uppsala University)
10:00	Coffee	
10:25	Fermilab collider physics results and future plans (2/3) ^(55')	<u>Womersley, J.</u> (RAL)
11:20	Free time	
13:45	Lunch	

Friday afternoon ^(15:30->21:30)		
15:30	Split Supersymmetry (2/3) ^(55')	<u>Romanino, A.</u> (SISSA/ISAS)
16:25	Gammaray and astroparticle experiments (1/2) ^(55')	<u>De Angelis, A.</u> (INFN and Univ. of Udine)
17:20	Coffee	
17:50	Top Quark Measurements at D0 ^(20')	<u>Lager, S.</u> (Stockholm University)
18:10	Measurement of the Top–Quark Pair–Production Cross Section in the Lepton+Jets Channel at D0 using Topological Information ^(15')	<u>Gollub, N.</u> (Uppsala University)
18:25	Measurement of the top quark cross section and branching ratio in the lepton+jets channel using b–tagging ^(15')	<u>Strandberg, J.</u> (Stockholm University)
18:40	Simulation of a search for narrow graviton resonances at the LHC ^(15')	<u>Hussain, M.</u> (University of Oslo)
18:55	Rare B decays in ATLAS ^(15')	<u>Buanes, T.</u> (University of Bergen)
19:30	Dinner	

Saturday 07 January 2006

Saturday morning (08:45→15:15)

08:45	Fermilab collider physics results and future plans (3/3) (55')	<u>Womersley, J.</u> (RAL)
09:40	Stockholm Educational Air Shower Array (20')	<u>Hofverberg, P.</u> (KTH, Stockholm)
10:00	Coffee	
10:25	String theory overview (1/3) (55')	<u>Lindström, U.</u> (Uppsala University)
11:20	Free time	
13:45	Lunch	

Saturday afternoon (15:30→21:30)

15:30	Gammaray and astroparticle experiments (2/2) (55')	<u>De Angelis, A.</u> (INFN and Univ. of Udine)
16:25	Cosmic neutrinos (1/2) (55')	<u>Hulth, P.-O.</u> (Stockholm University)
17:20	Coffee	
17:50	String theory overview (2/3) (55')	<u>Lindström, U.</u> (Uppsala University)
18:45	Searching for dark matter with AMANDA/IceCube (15')	<u>Burgess, T.</u> (Stockholm University)
19:00	Solar WIMPs in IceCube (15')	<u>Wikström, G.</u> (Stockholm University)
19:30	Dinner	

Sunday 08 January 2006

Sunday morning (08:45→15:15)

08:45	Higgs searches at hadron colliders (1/3) (55')	<u>Jakobs, K.</u> (Freiburg University)
09:40	Light stops at the LHC (20')	<u>Raklev, A.</u> (University of Bergen)
10:00	Coffee	
10:25	String theory for spelialists (3/3) (55')	<u>Lindström, U.</u> (Uppsala University)
11:20	Free time	
13:45	Lunch	

Sunday afternoon (15:30->21:30)

15:30	B–physics overview: B–factory results and prospects for the LHC (1/2) (55')	<u>Harnew, N.</u> (University of Oxford)
16:25	Cosmic neutrinos (2/2) (55')	<u>Hulth, P.–O.</u> (Stockholm University)
17:20	Coffee	
17:50	Heavy ion physics overview (1/2) (55')	<u>Nystrand, J.</u> (University of Bergen)
18:45	Cosmics with the ATLAS Inner Detector (15')	<u>Øye, O.</u> (University of Bergen)
19:00	STEP, a propagator for tracking at ATLAS (15')	<u>Lund, E.</u> (University of Oslo)
19:30	Dinner	

Monday 09 January 2006**Monday morning** (08:45->15:15)

08:45	Higgs searches at hadron colliders (2/3) (55')	<u>Jakobs, K.</u> (Freiburg University)
09:40	Analysis of flavor–changing neutral current processes in BABAR (20')	<u>Ofte, I.</u> (University of Bergen)
10:00	Coffee	
10:25	B–physics overview: B–factory results and prospects for the LHC (2/2) (55')	<u>Harnew, N.</u> (University of Oxford)
11:20	Free time	
13:45	Lunch	

Monday afternoon (15:30->22:30)

15:30	Higgs searches at hadron colliders (3/3) (55')	<u>Jakobs, K.</u> (Freiburg University)
16:25	Split Supersymmetry (3/3) (55')	<u>Romanino, A.</u> (SISSA/ISAS)
17:20	Coffee	
17:50	Heavy ion physics overview (2/2) (55')	<u>Nystrand, J.</u> (University of Bergen)
18:45	A law behind the second law of thermodynamics and unification with cosmology (30')	<u>Bech Nielsen, H.</u>

*(Niels Bohr
Institute)*

19:30

Conference dinner