



# Spaatind 2012 - Nordic Conference on Particle Physics

## Tuesday, 3 January 2012

### Contributed Talks (17:30 - 19:00)

time	[id] title	presenter
17:30	[50] An SU(3) parton shower and orthogonal color bases	Dr SJÖDAHL, Malin
17:45	[51] Total Cross Section Measurement with TOTEM at the LHC	Mr WELTI, Jan
18:00	[52] Resonance searches in multilepton final states	Mr LØVSCHELL-JENSEN, Ask Emil
18:15	[53] IceCube Solar Dark Matter search and Global SUSY fits with IceCube data	Mr DANNINGER, Matthias
18:30	[54] All-loop amplitudes of the Reggeon Field Theory via the stochastic model	Dr KOLEVATOV, Rodion
18:45	[55] Tuning MCs using ATLAS boson transverse momentum measurements	Ms YATSENKO, Elena

### Contributed Talks (20:00 - 21:00)

time	[id] title	presenter
20:00	[56] Invariant mass distributions of SUSY cascade decays	Mr KVELLESTAD, Anders
20:15	[57] Complex Triple Gauge Boson Couplings	Ms RASMUSSEN, Christine Overgaard
20:30	[58] Tau identification in the ATLAS experiment	Ms PINGEL, Almut
20:45	[59] Bs studies in the channel $J/\psi\phi$ at the CMS experiment at LHC	Mr FEDI, Giacomo

# Wednesday, 4 January 2012

## Contributed Talks (17:30 - 19:00)

time	[id] title	presenter
17:30	[60] Challenges and Perspectives in Quarkonium Polarization Measurements	Ms KRÄTSCHMER, Ilse
17:45	[61] Separation of H to ZZ to 4l from the SM ZZ to 4l background	Mr PEDERSEN, Lars Egholm
18:00	[62] Diagnosis of Supersymmetry Breaking Mediation Schemes by Mass Reconstruction at the LHC	Dr KRISLOCK, Abram
18:15	[63] Dark Matter Structures In Cosmological Simulations	Mr SPARRE, Martin
18:30	[64] Chiral symmetry at high energies	Prof. BIJNENS, Johan
18:45	[65] Timing performance of the ATLAS calorimeters	Mr SPANGENBERG, Martin

## Contributed Talks (20:00 - 21:00)

time	[id] title	presenter
20:00	[66] Searches for mSUGRA in $\tau$ channels at ATLAS	Mr DALE, Ørjan
20:15	[67] Measurement of the W-Boson Mass with the ATLAS Detector at LHC	Mr SORENSEN, Bjørn
20:30	[68] Modeling the Impact Parameter Dependence of the nPDFs With EKS98 and EPS09 Parametrizations	Mr HELENIUS, Ilka
20:45	[69] Search for new gauge bosons and other exotic particles with ATLAS	Mr BUGGE, Magnar Kopangen

# Thursday, 5 January 2012

## Contributed Talks (17:30 - 19:00)

time	[id] title	presenter
17:30	[70] Reconstructing the rest frame of tau+tau- resonances at the LHC	Mr ROSENDAHL, Peter Lundgaard
17:45	[73] A model for the color suppressed decay mode $B^0 \rightarrow 2 \pi^0$	Dr PALMER, Teresa
18:00	[74] Search for light charged Higgs bosons in top-quark decays with the ATLAS experiment	Mr MADSEN, Alexander
18:15	[75] Upper limits on the branching ratio for top decaying to a bottom and a charged Higgs boson	Ms HATTREM RADDUM, Silje
18:30	[71] BSM with new Higgs limits	Mr PETTERSEN, Helge
18:45	[72] "Absolute Luminosity For ATLAS" – From installation to first data physics data	Mr JAKOBSEN, Sune

## Contributed Talks (20:00 - 21:00)

time	[id] title	presenter
20:00	[76] Jets in a quark-gluon plasma	Dr TYWONIUK, Konrad
20:15	[77] $H \rightarrow \gamma\gamma$ search at ATLAS	Ms SMESTAD, Lillian
20:30	[78] Measuring the 3D shape of galaxy clusters	Mr SKIELBOE, Andreas
20:45	[79] IPPOG - outreach activities and resources	Prof. OULD-SAADA, Farid Prof. RATHSMAN, Johan

# Friday, 6 January 2012

## Contributed Talks (17:30 - 19:00)

time	[id] title	presenter
17:30	[80] Tau Polarisation Measurement in Z Decays in ATLAS	Mr DEIGAARD, Ingrid
17:45	[81] Muon Performance of the ATLAS Detector	Dr LIEBIG, Wolfgang
18:00	[82] Data driven background estimation in SM H to tau tau	Mr GALSTER, Gorm
18:15	[85] Search for supersymmetry in 2 lepton final states	Mr GRAMSTAD, Eirik
18:30	[86] ZZ anomalous triple gauge couplings in ATLAS	Mr GREGERSEN, Kristian
18:45	[83] Why and how develop new accelerators?	Prof. EKELÖF, Tord