

Session Program

2-7 Jan 2012

Spatind 2012 - Nordic Conference on Particle Physics

Contributed Talks

Skeikampen (Norway)
THON Hotel

Tuesday 3 January

17:30

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

17:30-17:45 **An SU(3) parton shower and orthogonal color bases**

Speaker

Dr Malin Sjödahl

17:45-18:00 **Total Cross Section Measurement with TOTEM at the LHC**

Speaker

Mr Jan Welti

18:00-18:15 **Resonance searches in multilepton final states**

Speaker

Mr Ask Emil Løvschall-Jensen

18:15-18:30

IceCube Solar Dark Matter search and Global SUSY fits with IceCube data

Speaker

Mr Matthias Danninger

18:30-18:45

All-loop amplitudes of the Reggeon Field Theory via the stochastic model

Speaker

Dr Rodion Kolevatov

18:45-19:00 **Tuning MCs using ATLAS boson transverse momentum measurements**

Speaker

Ms Elena Yatsenko

19:00

20:00

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

20:00-20:15 **Invariant mass distributions of SUSY cascade decays**

Speaker

Mr Anders Kvellestad

20:15-20:30 **Complex Triple Gauge Boson Couplings**

Speaker

Ms Christine Overgaard Rasmussen

20:30-20:45 **Tau identification in the ATLAS experiment**

Speaker

Ms Almut Pingel

20:45-21:00 **Bs studies in the channel J/ψφ at the CMS experiment at LHC**

21:00

Speaker

Mr Giacomo Fedi

Wednesday 4 January

17:30

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

17:30-17:45

Challenges and Perspectives in Quarkonium Polarization Measurements

Speaker

Ms Ilse Krätschmer

17:45-18:00

Separation of H to ZZ to 4l from the SM ZZ to 4l background

Speaker

Mr Lars Egholm Pedersen

18:00-18:15

Diagnosis of Supersymmetry Breaking Mediation Schemes by Mass Reconstruction at the LHC

Speaker

Dr Abram Krislock

18:15-18:30

Dark Matter Structures In Cosmological Simulations

Speaker

Mr Martin Sparre

18:30-18:45

Chiral symmetry at high energies

Speaker

Prof. Johan Bijnens

18:45-19:00

Timing performance of the ATLAS calorimeters

Speaker

Mr Martin Spangenberg

19:00

20:00

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

20:00-20:15

Searches for mSUGRA in τ channels at ATLAS

Speaker

Mr Ørjan DALE

20:15-20:30

Measurement of the W-Boson Mass with the ATLAS Detector at LHC

Speaker

Mr Bjørn Sorensen

20:30-20:45

Modeling the Impact Parameter Dependence of the nPDFs With EKS98 and EPS09 Parametrizations

Speaker

Mr Ilka Helenius

21:00

20:45-21:00

Search for new gauge bosons and other exotic particles with ATLAS

Speaker

Mr Magnar Kopangen Bugge

Thursday 5 January

17:30

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

17:30-17:45 **Reconstructing the rest frame of tau+tau- resonances at the LHC**

Speaker

Mr Peter Lundgaard Rosendahl

17:45-18:00 **A model for the color suppressed decay mode $B^0 \rightarrow 2 \pi^0$**

Speaker

Dr Teresa Palmer

18:00-18:15

Search for light charged Higgs bosons in top-quark decays with the ATLAS experiment

Speaker

Mr Alexander Madsen

18:15-18:30

Upper limits on the branching ratio for top decaying to a bottom and a charged Higgs boson

Speaker

Ms Silje Hattrem Raddum

18:30-18:45 **BSM with new Higgs limits**

Speaker

Mr Helge Pettersen

18:45-19:00

“Absolute Luminosity For ATLAS” - From installation to first data physics data

Speaker

Mr Sune Jakobsen

19:00

20:00

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

20:00-20:15 **Jets in a quark-gluon plasma**

Speaker

Dr Konrad Tywoniuk

20:15-20:30 **H->gammagamma search at ATLAS**

Speaker

Ms Lillian Smestad

20:30-20:45 **Measuring the 3D shape of galaxy clusters**

Speaker

Mr Andreas Skielboe

21:00

20:45-21:00 **IPPOG - outreach activites and resources**

Speakers

Prof. Farid Ould-Saada, Prof. Johan Rathsman

Friday 6 January

17:30

Contributed Talks

Session | Location: Skeikampen (Norway), THON Hotel

17:30-17:45 **Tau Polarisation Measurement in Z Decays in ATLAS**

Speaker

Mr Ingrid Deigaard

17:45-18:00 **Muon Performance of the ATLAS Detector**

Speaker

Dr Wolfgang Liebig

18:00-18:15 **Data driven background estimation in SM H to tau tau**

Speaker

Mr Gorm Galster

18:15-18:30 **Search for supersymmetry in 2 lepton final states**

Speaker

Mr Eirik Gramstad

18:30-18:45 **ZZ anomalous triple gauge couplings in ATLAS**

Speaker

Mr Kristian Gregersen

18:45-19:00 **Why and how develop new accelerators?**

Speaker

Prof. Tord Ekelöf

19:00