



WNPCC - 2012

Mont Tremblant, Feb 23-26

Scientific program

Reception & breakfasts: Centre des Congrès - Mistral Room
Scientific Sessions: Centre des Congrès - Boréal I Room
Saturday evening dinner: Centre des Congrès - Zephyr Room

Friday evening banquet: L'Avalanche Restaurant (Mont Tremblant village)

Invited talks are 30' (including questions); contributed talks are 15' (including questions)

Thursday/Jeudi 02/23

17h30 – 19h30 Welcoming Reception/Mistral Room

Friday/Vendredi 02/24

07:30 – 08:30 Petit déjeuner/breakfast

08:30 – 12:00 Scientific Session I : Chair : John Crawford

8:30 – 9:00 Philip Voss - Electromagnetic Transition Rate Measurements Far from Stability with Radioactive Beams

9:00 – 9:15 Marc-André Dufour - Determination of the strong coupling constant from multi-jet production with the ATLAS detector

9:15 – 9:30 Katy Haly - Higgsstrahlung Cross-Section Suppression in the Minimal Composite Higgs Model

9:30 – 9:45 Anthony Fradette - Constraining the Variation of Fundamental Constants with Tritium Decay and the Cosmic Microwave Background

9:45 – 10:00 Jamie Horton - The jet energy scale at ATLAS using Z+jet events

10:00 – 10:30 Coffee

10:30 – 11:00 Darren Grant - Particle Physics with IceCube

11:00 – 11:15 Patrick de Perio - The T2K Experiment

11:15 – 11:30 Ryan Dunlop - High-Precision Branching Ratio Measurement for the Superallowed β^+ Emitter ^{74}Rb

11:30 – 11:45 Gang Li - Measurement of v_e angular correlation in ^8Li decay

11:45 – 12:00 Alex Laffoley - High-Precision Half-life Measurement for the Superallowed β^+ Emitter ^{14}O

Friday/Vendredi 02/24 (continued)

- 17:00 – 19:00 Scientific Session II : Chair : René Roy
- 17:00 – 17:30 Roxanne Guenette - The FNAL Neutrino Program
- 17:30 – 17:45 Yohan Ricci - The CDMS Experiment and the Combined CDSM-Edelweiss Result
- 17:45 – 18:00 Julien Smith-Roberge - Pulse Start-Time Determination in Acoustic Signals
- 18:00 – 18:15 Sam Dejong - Studies of Cluster counting for use in SuperB Drift Chamber dE/dx measurements
- 18:15 – 18:30 Patrick St-Onge - Antisymmetrized Molecular Dynamics Calculations for Heavy-Ion Collisions
- 18:30 – 18:45 Julian Michetti-Wilson - The Characterization of LaBr₃(Ce) Detectors for Pico-second Lifetime Measurements
- 19:30 - Dinner/Banquet at L'Avalanche Restaurant

Saturday/Samedi 02/25

- 07:30 – 08:30 Petit déjeuner/breakfast
- 08:30 – 12:00 Scientific Session III : Chair : Brigitte Vachon
- 8:30 – 9:00 Philippe di Stefano - SNOLAB Experiments
- 9:00 – 9:15 Shimpei Tobayama - New Event Reconstruction Algorithm for Super-Kamiokande Water Cherenkov Detector
- 9:15 – 9:30 Racha Cheaib - Search for the invisible decay of J/Psi and Psi(2S) at the BaBar experiment
- 9:30 – 9:45 Jérôme Gauthier - First HERACLES experiments at ISAC-II
- 9:45 – 10:00 Nikita Blinov - A Supersymmetric Mechanism For Baryon Asymmetry and Dark Matter Production
- 10:00 – 10:30 Coffee
- 10:30 – 11:00 Blair Jamieson - Plans for Ultra Cool Neutrons at TRIUMF
- 11:00 – 11:15 Marie-Cécile Piro - Recent results from the PICASSO dark matter search experiment
- 11:15 – 11:30 Alvine Kamaha - Improvements to the next phase of PICASSO and anticipated Dark Matter Exclusion Limits
- 11:30 – 11:45 Olivier Shelbaya - Laser spectroscopy of rare Rubidiums at TRIUMF
- 11:45 – 12:00 Patrick Nadeau - Cryogenic Scintillators for Rare Event Searches

Saturday/Samedi 02/25 (continued)

- 17:00 – 19:00 Scientific Session IV : Chair : Kevin Graham
- 17:00 – 17:30 Thomas Koffas – Standard Model Higgs Searches with ATLAS at the LHC
- 17:30 – 17:45 Jason Sharpe - Design and Construction Components of Scintillating
Fibre Tracking Detectors
- 17:45 – 18:00 Alejandra Diaz Varela - High-statistics study of the beta-decay of ^{110}In
- 18:15 – 18:30 Greg Demand - A Transition-centric Approach to Level Scheme
Determination
- 18:30 – 18:45 Brad Schultz – Trapping and Cooling of Highly Charged Ions at TITAN
- 18:45 – 19:00 Drew Jamieson - Reassessing the vibrational nuclear structure of ^{112}Cd
- 19:30 - Dinner : Zephyr Room

Sunday/Dimanche 02/26

- 07:30 – Petit déjeuner/breakfast
- 09:00 – 12:00 Scientific Session V : Chair : Tony Noble
- 09:00 – 9:30 Richard Hydromako – Detection of trapped anti-hydrogen with ALPHA
- 09:30 – 9:45 Michelle Boudreau - Analytic Mass Reconstruction of Top-Antitop
Resonances in the Dilepton Channel
- 09:45 – 10:00 Patrick Fortier - Investigating Halo Properties through ^{11}Li Reactions
- 10:00 – 10:15 Laurelle Veloce – Overview talk for DEAP
- 10:15 – 10:30 Badamsambuu Jigmeddorj - The Conversion Electron Study for ^{110}Cd
- 10:30 – 11:00 Coffee
- 11:00 – 11:15 Kevin Graham – Searching for Double Beta-decay with the Enriched
Xenon Observatory
- 11:15 – 11:30 Ankur Chaudhuri – Penning Trap Mass Spectrometry with TITAN
- 11:30 – 11:45 Mark Stockton – ATLAS Standard Model Photon Cross Section Results
- 11:45 – 12:00 Camille Belanger-Champagne – Charged Particle Correlations in MinBias
Events at ATLAS
- 12:00 Award for the best student presentation (DNP, PPD)
- 12:00 End of conference