

CHEP

McGill Centre for High Energy Physics

Seminars 2007-2008

- [Joint Seminars \(with the Université de Montréal\)](#)
 - [Experimental High Energy Physics](#)
 - [Theoretical High Energy Physics \("pizza"\)](#)
 - [Nuclear Physics](#)
 - [Special High Energy Physics Seminars and Workshops](#)
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Montréal Joint HEP Seminars (with Université de Montréal)

1. 17-oct-2007
La détection directe de la matière sombre avec le détecteur à gouttelettes surchauffées dans le cadre du projet PICASSO
Razvan Gornea
 2. 7-déc-2007
Physique des oscilloscopes, Physique et oscilloscopes
François Lamarche
 3. 17-19 déc 2007
ATLAS-Canada Workshop
ATLAS/Canada Groups
 4. 7 mai 2008
Quark mass matrices in the RS model and rare t decay into c (u) and Z
John Ng
 5. 20 mai 2008
Neutrino Oscillations in MINOS
Sujeewa Kumaratunga
 6. 17 juillet 2008
Recherche de la Matière Sombre avec l'expérience EDELWEISS-2
Jules Gascon
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Experimental HEP Graduate Student Seminars

1. Wednesday, August 29th, 2007
Welcome to our first Meeting
François Corriveau et al (McGill)
 2. Wednesday, September 5th, 2007
Charged Higgs Boson Searches with the ATLAS Detector
Juan Martinez (McGill)
 3. Wednesday, September 12th, 2007
ATLAS trigger response to top quarks
Arnaud Lepage-Jutier (McGill)
 4. Wednesday, February 6th, 2008
Muon Physics, part I: Observations
François Corriveau (McGill)
 5. Wednesday, March 5th, 2008
Muon Physics, part II: Measurements
François Corriveau (McGill)
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High Energy Informal Pizza Seminars

1. Thursday, July 10th 2008, 14:00
Deconfinement transition in $N=4$ SYM with fundamental matter
Pallab Basu
UBC
2. Wednesday, July 9th 2008, 13:00
Recent developments in M2-brane theory
Chong-Sun Chu
Durham University
3. Tuesday, Tuesday July 8th 2008, 13:00
Time dependent AdS/CFT and null singularity
Chong-Sun Chu
Durham University
4. Thursday, June 19th 2008, 13:30
 $f(R)$ Gravity: Successes and Challenges
Valerio Faraoni
Bishop's University
5. Friday, June 13th 2008, 13:00
An alternative mechanism to produce scale-invariant fluctuations
Joao Magueijo

Imperial College

6. Thursday, June 12th 2008, 13:00
Nonlocal Inflation
Neil Barnaby
CITA
7. Tuesday, June 3rd 2008, 13:00
Non-Gaussianity in models with mixed inflaton and curvaton
Tomo Takahashi
Saga University & Stanford
8. Tuesday, May 27th 2008, 13:00
Susy breaking and Susy/Non-susy duality in extended moduli space
Jihye Seo
Harvard
9. Friday, May 2nd 2008, 13:00
Mechanics of (super) conducting cosmic strings and vortons
Brandon Carter
Observatoire de Paris-Meudon
10. Thursday, May 1st 2008, 13:00
Gravity on the Largest Scales and Cosmic Acceleration
Justin Khoury
Perimeter Institute
11. Thursday, April 24th 2008, 13:00
One-loop Partition Functions of 3D Gravity
Simone Giombi
Harvard University
12. Tuesday, April 22nd 2008, 13:00
A Holographic Superconductor
Chris Herzog
Princeton University
13. Thursday, April 17th 2008, 13:00
Cosmic Strings and Small-Angle CMB Temperature Anisotropies
Aurelian Fraise
Princeton University
14. Tuesday, April 8th 2008, 13:00
Observing multi-throat brane inflation
Xingang Chen
MIT
15. Thursday, March 27th 2008, 13:00
Final Title not available
Albion Lawrence

Brandeis University

16. Tuesday, March 25th 2008, 13:00
Torsion and Supersymmetry Breaking
 Brian Wecht
 Institute for Advanced Study
17. Thursday, March 20th 2008, 13:00
The Casimir force in theories with extra dimensions
 Mariana Frank
 Concordia University
18. Tuesday, March 18th 2008, 13:00
Final Title not available
 Subodh Patil
 Humboldt Universitat
19. Thursday, March 13th 2008, 13:00
Tachyons that don't bite & gluinos condensing at the CCNI
 Joel Giedt
 RPI
20. Tuesday, March 11th 2008, 13:00
3D N=1 SYM Chern-Simons theory on the Lattice
 Joshua Elliot
 McGill
21. Tuesday, March 4th 2008, 13:00
Quantum Resolution of Cosmological Singularities using AdS/CFT
 Ben Craps
 Vrije University & Solvay Institute
22. Thursday, February 21st 2008, 13:00
Testing the k^3 Component in the Primordial Perturbation Power Spectrum
 Loison Hoi
 McGill
23. Tuesday, February 19th 2008, 13:00
The c.c. problem and codimension-2 branes
 Claudia de Rham
 Perimeter Institute
24. Thursday, February 14th 2008, 13:00
Sequestered Dark Matter
 Benedict von Harling
 University of Heidelberg
25. Thursday, February 7th 2008, 13:00
Cosmic inflation through time
 Ghazal Geshnizjani

Perimeter Institute

26. Tuesday, February 5th 2008, 13:00
Physics Beyond the Horizon
 Niayesh Afshordi
 Perimeter Institute
27. Thursday, January 31st 2008, 13:00
Black holes as mirrors
 Patrick Hayden
 McGill
28. Tuesday, January 22nd 2008, 13:00
Entropy Modes at the End of Brane Inflation
 Andrew Frey
 McGill
29. Tuesday, January 15th 2008, 13:00
Magnetogenesis from Cosmic String Loops
 Mark Wyman
 Perimeter Institute
30. Thursday, January 10th 2008, 13:00
Final Title not available
 Tomislav Prokopec
 Utrecht University
31. Tuesday, December 11th 2007, 13:00
Warped String Phenomenology: Cosmology and Particle Physics
 Bret Underwood
 University of Wisconsin
32. Tuesday, December 4th 2007, 13:00
Deformed Chiral Rings of Toric Varieties
 Josh Guffin
 UIUC
33. Tuesday, November 27th 2007, 13:00
Manifestly Gauge-Invariant General Relativistic Perturbation Theory
 Kristina Giesel
 Max Planck Institute
34. Monday, November 19th 2007, 13:00
Topology from Cosmology
 Vijay Balasubramanian
 University of Pennsylvania
35. Tuesday, November 13th 2007, 13:00
Reheating in Brane Inflation
 Aaron Berndsen

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36. Tuesday, November 6th 2007, 13:00
Partition Functions of 3D Pure Gravity
 Xi Yin
 Harvard
37. Tuesday, October 30th 2007, 13:00
Comments on Twistor strings: Old and New
 Parameswaran Nair
 City College of New York
38. Thursday, October 25th 2007, 13:00
Some aspects of cosmic superstrings in brane inflation
 Hassan Firouzjahi
 McGill
39. Tuesday, October 16th 2007, 13:00
Heavy quark diffusion in perturbative QCD at next-to-leading order
 Simon Caron Huot
 McGill
40. Tuesday, October 9th 2007, 13:00
Moduli Stabilization and String Geometry
 Katrin Becker
 Texas A&M
41. Tuesday, October 2nd 2007, 13:00
Puff Field Theory
 Ori Ganor
 UC Berkeley
42. Friday, September 28th 2007, 13:00
Metastable kinks in the orbifold
 Manuel Toharia
 University of Maryland & Syracuse University
43. Tuesday, September 25th 2007, 13:00
Kaluza-Klein braneworld cosmology with static internal dimensions
 Sugumi Kanno
 McGill
44. Tuesday, September 18th 2007, 13:00
Final Title not available
 Horace Stoica
 Imperial College
45. Tuesday, September 11th 2007, 13:00
Conformal invariance on orbifolds and excitations of singularity
 Zheng Yin

University of Science and Technology of China

Seminars in Hadronic Physics

1. Thursday, June 26th 2008, 15:00
Stellar Matter in supernova Explosions and Nuclear Multifragmentation
Alexandre Botvina
Institute for Nuclear Research, Russian Academy of Sciences
 2. Tuesday, March 18th 2008, 14:00
Parton distribution functions in soft-collinear effective theory
Junegone Chay
Korea University
 3. Tuesday, January 15th 2008, 14:00
Single photons from relativistic heavy ion collisions
Dinesh Srivastava
Variable Energy Cyclotron Center
 4. Tuesday, November 20th 2007, 14:30
Open charm meson in finite temperature nuclear matter
T. Mizutani
Department of Physics, Virginia Tech
 5. Tuesday, October 16th 2007, 14:30
The QCD critical point in heavy ion collisions
Chiho Nonaka
University of Nagoya
 6. Monday, September 10th 2007, 14:30
Collisional Energy Loss - A welcoming component for jet quenching phenomenon in heavy-ion collisions
Munshi Golam Mustafa
Theory Division, Saha Institute of Nuclear Physics
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Experimental HEP Seminars

1. Wednesday, May 7th 2008, 15:30
ROOT Tutorial
Malachi Schram
McGill
2. Wednesday, April 9th 2008, 16:00
TeV Gamma Rays with the Milagro and HAWC experiments
Jim Linnemann
Michigan State University

3. Wednesday, March 26th 2008, 16:00
Life after HEP
Pat Saull
NRC
 4. Wednesday, March 5th 2008, 16:00
Muon Physics of the 70's-80's: Decay Measurements
François Corriveau
McGill University
 5. Wednesday, December 12th 2007, 16:00
Recent Results from the Collider Detector at Fermilab (CDF)
Andreas Warburton
McGill University
 6. Wednesday, November 21st 2007, 16:00
The XENON Dark Matter Search
Elena Aprile
Columbia University
 7. Wednesday, November 14th 2007, 16:00
Cosmic Rays, Star Spots and Aliens: Some Alternative Applications of Atmospheric Cherenkov Telescopes
Jamie Holder
University of Delaware
 8. Wednesday, October 24th 2007, 16:00
Emergency Radiation Mapping
Laurel Sinclair
Geological Survey of Canada, Natural Resources Canada
 9. Wednesday, September 26th 2007, 16:00
Measurement of pionium ($\pi^+\pi^-$ hydrogen-like state) lifetime to test low energy QCD predictions
Cibrán Santamarina Ríos
McGill University
 10. Wednesday, September 19th 2007, 15:30
Something Old, Something New
Juan Collar
University of Chicago
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