

LHC and Dark Matter 2009 Workshop Program

Lecture Hall 340 West Hall

Time	Tuesday, January 6th
9:00am	<i>Breakfast (3481 Randall)</i>
10:55am	Gordon Kane (University of Michigan) - Welcoming Comments
11:00-11:30am	Giora Mikenberg (Weizmann Institute/CERN) <i>"ATLAS detector status and commissioning"</i>
11:30-12:00pm	James Pivarski (Texas A&M University) <i>"Early Discovery Channels in CMS"</i>
12:00-2:00pm	<i>Lunch</i>
	Session Chair: Tomar Volansky
2:00-2:30pm	Paolo Gondolo (University of Utah) <i>"LHC, Dark Matter, and Non-Standard Cosmologies"</i>
2:30-3:00pm	Howard Baer (University of Oklahoma) <i>"Mixed Axion/Axino Dark Matter in Yukawa-Unified Models, and Prospects for LHC"</i>
3:00-3:30pm	<i>Break (337 West Hall)</i>
	Session Chair: Piergiorgio Picozza
3:30-4:00pm	Neal Weiner (New York University)
4:00-4:30pm	Lian-Tao Wang (Princeton)
4:30-5:15pm	PAMELA Collaboration - Mirko Boezio (University of Trieste)
5:15-7:00pm	Welcoming Reception (337 West Hall)

Time	Wednesday, January 7th
9:00am	<i>Breakfast (3481 Randall)</i>
	Session Chair: Arjun Menon
11:00-11:30am	Paolo Rumerio (University of Maryland) - CMS <i>"Status of CMS Experiment"</i>
11:30-12:00pm	Jesse Thaler (University of California, Berkeley) <i>"Dark Matter through the Axion Portal"</i>
12:00-2:00pm	<i>Lunch</i>
	Session Chair: Piyush Kumar
2:00-2:30pm	Dan Phalen (University of Michigan) <i>"PAMELA from Dark Matter Annihilations to Vector Leptons"</i>
2:30-3:00pm	Teruki Kamon (Texas A&M) <i>"Probing Supersymmetric Cosmology at the LHC"</i>
3:00-3:30pm	Tommaso Lari (CERN) - ATLAS <i>"Exclusive searches"</i>
3:30-4:00pm	<i>Break (337 West Hall)</i>

Time	Thursday, January 8th
9:00am	<i>Breakfast (3481 Randall)</i>
	Session Chair: Aaron Pierce
11:00-11:30am	Scott Watson (University of Michigan) <i>"LHC as a Probe on the Cosmological Origin of Dark Matter"</i>
11:30-12:00pm	Gordon Kane (University of Michigan) <i>"Is the PAMELA Positron Excess Winos?"</i>
12:00-2:00pm	<i>Lunch</i>
	Session Chair: Monica Tecchio
2:00-2:30pm	George Redlinger (Brookhaven National Laboratory) - ATLAS <i>"Inclusive Searches. How Can We Discover SUSY in 2009?"</i>

2:30-:300pm	Anwar Bhatti (Rockerfeller University) - CMS <i>"Searches for SUSY in all-hadronic and lepton+jets+MET Final States"</i>
3:00-3:30pm	<i>Break (337 West Hall)</i>
	Session Chair: Gus Evrard
3:30-4:00pm	Joakim Edsjo (Stockholm University) <i>"Indirect Searches for Dark Matter and their Uncertainties"</i>
4:00-4:30pm	James Lamb (University of California, Santa Barbara) - CMS <i>"Data Driven Methods to Estimate the Vector Boson + Jets Background to New Phenomena Searches Involving</i>
4:30-5:15pm	Fermi/GLAST - Also Morselli (University of Rome)
5:15-7:00pm	Reception (337 West Hall)

Time	Friday, January 9th
9:00am	<i>Breakfast (3481 Randall)</i>
	Session Chair: Marcus Berg
*10:30am	Kathryn Zurek (FNAL) <i>"Multi-Component Dark Matter and the ATIC/PAMELA Signals"</i>
*Note: earlier time	
11:00-11:30am	Spencer Chang (University of California - Davis)
11:30-12:00pm	Brent Nelson (Northeastern University) <i>"How Can Dark Matter Observations Help Solve the LHC Inverse Problem?"</i>
12:00-2:00pm	<i>Lunch</i>
	Session Chair: Alexey Petrov
2:00-2:30pm	Oliver Gutsche (Fermi National Accelerator Laboratory) - CMS <i>"Dilepton Final States Studeies at CMS: From SM to New Physics"</i>
2:30-:300pm	Partha Konar (University of Florida) <i>"\sqrt{s}_{min}: A Global Inclusive Variable for Determining the Mass Scale of New Physics at LHC"</i>
3:00-3:30pm	<i>Break (337 West Hall)</i>

3:30-4:00pm Session Chair: Bing Zhou
Hideki Okawa (Tokyo) - ATLAS
"Determination of background from W/Z and top. What do we need to find SUSY?"

4:00-4:30pm **Richard Teuscher (IPP and University of Toronto) - ATLAS**
"Determination of background from QCD. What do we need to find SUSY?"

4:30-5:00pm **David Morrissey (Harvard University)**

Time	Saturday, January 10th
9:00am	<i>Breakfast (3481 Randall)</i>
	Session Chair: Thomas Flacke
11:00-11:30am	Brooks Thomas (University of Arizona) <i>"Collider Signatures of Inert Doublet Dark Matter"</i>
11:30-12:00pm	Chris Savage (University of Minnesota - FTPI)
12-12:30pm	Itay Yavin (Princeton) <i>"Light-Dark States at the LHC"</i>
12:30pm	Workshop concludes