

XVIII INTERNATIONAL SYMPOSIUM ON PARTICLES, STRINGS AND COSMOLOGY PASCOS 2012

<http://www.fisica.unam.mx/pascos2012>

Bulletin #3

This is the third and final bulletin of PASCOS 2012. The conference will be held in the City of Mérida, México at the Fiesta Americana Hotel, from June 3 to 8, 2012.

TRAVEL INFORMATION

Getting from the airport in Mérida to the hotel is very simple. Right outside the airport building you will see a green booth with glass walls to your left which says "Taxis Autorizados" (authorized taxis). Taxi tickets are purchased there, they will ask for your destination. Hotel Fiesta Americana is well known in the area. The taxi queues are right next to the booth outside the airport. The price of a taxi ride to the Fiesta Americana from the airport is around 200 pesos.

There will be a van at the airport for the participants arriving after 9 pm on Friday, Saturday and Sunday (1, 2, 3 June) to take them to the Fiesta Americana. Please send an email to pascos2012@pegaso.fisica.unam.mx if you want to use this service, stating your flight number and time of arrival.

PROGRAMME

The plenaries and parallel programmes are on the PASCOS 2012 web site. The general timetable of the conference is at the end of this bulletin. Plenaries are 45 mins long, and parallel 20 mins long, including questions. Please note that all the talks will be projected from the organizers computers, so the talks have to be uploaded in the UNAM Indico web page at least one day before the corresponding session is due, in pdf format.

REGISTRATION

For the participants who couldn't pay the registration fee either by bank transfer or via the web page, it is possible to pay either cash (dollars, mexican pesos or euros) or by credit card upon arrival.

SOCIAL EVENTS

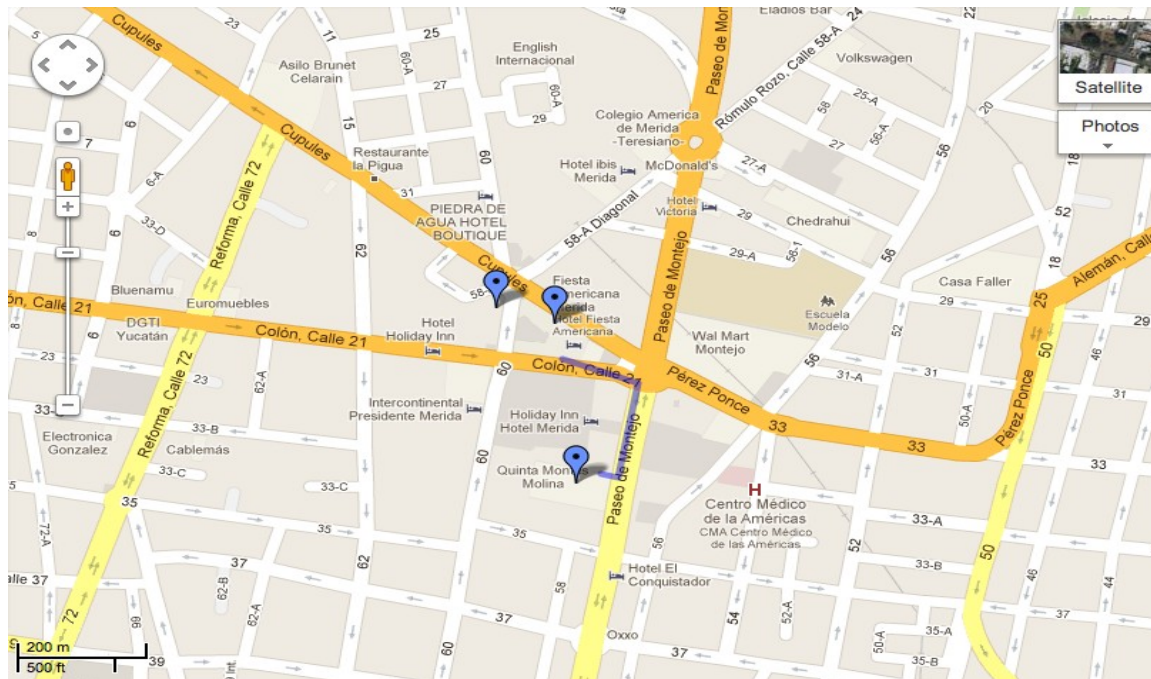
The opening reception will take place on June 3, from 8:30 pm to 10:30 pm, in the restaurant Katún, which is a few meters away from the Fiesta Americana. Inside the hotel look for an exit that is right next to a Chili's restaurant, to the west of the building. Then go across the street and walk about 30 meters to the right, Katún restaurant will be right there.

The banquet will take place on June 5, at 8:30, in the garden of the Quinta Montes Molina, which is only a 5 minute walk from the Fiesta Americana.

The excursion to Dzibilchaltún will take place on June 6, after the plenaries session. A box lunch will be provided at the hotel. Dzibilchaltún is very close to Mérida, it has a beautiful and famous cenote, a small but interesting archeological site, and a Mayan museum. Swimming at the cenote is allowed, don't forget to bring your swimming suit. The cenote is slightly smaller than an olympic size swimming pool and the water is crystal clear, it has a shallow area and a very deep area.

Fiesta Americana is a big hotel. The first floor has many shops and two restaurants: Sanborns and Chilli's. You will also notice a travel agency "Carmen Travel". If you are interested, you can buy there tickets to any of the tours they offer, Chichen Itza, Uxmal, Ruta Poo, Celestun, Hacienda Sotuta de Peon, etc.

In the following map the location of the Fiesta Americana Hotel, the restaurant Katún, and the Quinta Montes Molina are shown.



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PLENARIES PASCOS 2012

| | 3 JUNE | MONDAY 4 JUNE | TUESDAY 5 JUNE | WEDNESDAY 6 JUNE | THURSDAY 7 JUNE | FRIDAY 8 JUNE |
|-------------|-----------------------------|--|--|--|---|---|
| 09:00-09:45 | | Neutrinos and dark matter <i>Manfred Lindner</i> | Neutrino masses and mixing: evidences and implications <i>José Valle</i> | Hunting for de Sitter vacua in the String Landscape <i>Gary Shiu</i> | Electroweak tests of the Standard Model <i>Jens Erler</i> | TBA <i>Tobias Hurth</i> |
| 09:45-10:30 | | Gamma-ray bursts: recent results and connections to cosmic ray and neutrino physics <i>Peter Meszaros</i> | On Understanding Neutrino Masses and Lepton Mixing <i>Andre de Gouvea</i> | Electroweak Scale Phase Transitions and the LHC <i>Daniel Chung</i> | TBA <i>Dirk Zerwas</i> | Dark matter detection: an overview of direct detection <i>Paolo Gondolo</i> |
| 10:30-11:15 | | The Energy Frontier in Nature: Highest Energy Cosmic Radiation <i>Günter Sigl</i> | TBA <i>Alberto Casas</i> | Current and future constraints on neutrinos from large scale structure <i>Steen Hannestad</i> | SUGRA Grand Unification, LHC and Dark Matter <i>Pran Nath</i> | PARALLEL |
| 11:15-11:45 | | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK | COFFEE BREAK |
| 11:45-12:30 | | Gravitino Dark Matter confronts the LHC <i>Laura Covi</i> | Partide Physics and Non-perturbative Effects in Type II and F-theory <i>Mirjam Cvetič</i> | Baryon and Lepton Numbers: Life in the Desert <i>Pavel Fileviez Pérez</i> | On some fundamental aspects of superstring theory <i>Nathan Berkovits</i> | PARALLEL |
| 12:30-13:15 | | SUSY Dark Matter in Non-universal Gaugino Mass Models <i>D.P. Roy</i> | Flavor and Funparticles From F-theory <i>Jonathan Heckman</i> | Fundamental Physics from the Sky: Cosmic Rays, Gamma Rays and the Hunt for Dark Matter <i>Stefano Profumo</i> | Searching for axions and other WISPs from string compactifications <i>Andreas Ringwald</i> | PARALLEL |
| 13:15-15:30 | | LUNCH | LUNCH | TAKEAWAY LUNCH | LUNCH | LUNCH |
| 15:30-16:15 | | TBA <i>Jhin E. Kim</i> | PARALLEL | EXCURSION | Does Confinement Decouple QCD Condensates from the Cosmological Constant? <i>Peter Tandy</i> | New Results from The Cosmic Microwave Background <i>Alessandro Melchiorri</i> |
| 16:15-16:35 | | PARALLEL | PARALLEL | | PARALLEL | 16:15 -17:00 Yukawa unification or MSSM at large tan(beta) <i>Stuart Raby</i> |
| 16:35-16:55 | | PARALLEL | PARALLEL | | PARALLEL | |
| 16:55-17:15 | | COFFEE BREAK | COFFEE BREAK | | COFFEE BREAK | 17:00 FIN PASCOS |
| 17:15-17:35 | | PARALLEL | PARALLEL | | PARALLEL | |
| 17:35-17:55 | 17:00-20:00 REGISTRATION | PARALLEL | PARALLEL | | PARALLEL | |
| 17:55-18:15 | | PARALLEL | PARALLEL | | PARALLEL | |
| 18:15-18:35 | | PARALLEL | | | PARALLEL | |
| | 20:30 RECEPTION | | 20:30 BANQUET | | | |