

ANNOUNCEMENTS

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ICPE 2011 (MEXICO)
INTERNATIONAL CONFERENCE ON
PHYSICS EDUCATION 2011
“Training Physics Teachers and Educational
Networks”

AUGUST 15-19, 2011
National Polytechnic Institute, Mexico City

<http://www.icpe2011.net>

SECOND ANNOUNCEMENT

The International Conference on Physics Education, ICPE 2011 (MEXICO), will be held at the National Polytechnic Institute, Mexico City from August 15 to 19, 2011. It is organized by the National Polytechnic Institute (IPN), the Latin American Physics Education Network (LAPEN), the Mexican Section of the American Association of Physics Teachers (AAPT-MX) and supported by the International Union of Pure and Applied Physics (IUPAP).

ICPE 2011 (MEXICO) will focus on Training Physics Teachers and Educational Networks, from the elementary school to the undergraduate university level. The following four subjects are discussed in ICPE 2011 (MEXICO):

- A. Training Physics teachers and networks,
- B. Curriculum innovation in Physics,
- C. Information and Communication Technologies in teaching Physics,
- D. Active learning of Physics.

The Program Committee of ICPE 2011 (MEXICO) is working on a tentative program for the Conference. The scientific sessions and social events are tentatively arranged as shown below. The invited speakers are listed on a separate sheet.

Aug 14 (Sun) Registration,
Aug 15 (Mon) Opening Session (Keynote Address),
Plenary Lectures, Oral Sessions, Welcome Get-together,
Aug 15 (Tue) Plenary Lectures, Workshops, Poster session, Cultural activity,
Aug 16 (Wed) Excursion,

Aug 17 (Thu) Plenary Lecture, Workshops, Poster session, Banquet,

Aug 18 (Fri) Plenary Lecture, Closing Session.

Registration

ICPE 2011 (MEXICO) is a participant-supported conference. We expect all attendees to secure funds for travel expenses and Conference fees from their own institutions. The organizers will be happy to send a special letter of invitation to a registered participant upon request, to help him/her obtaining funds from your institution. We encourage all participants to register as early as possible. Please use our web site (<http://www.icpe2011.net>).

Registration Fee

Regular participants

Before June 15, 2011: 300 USD

After June 16, 2011: 350 USD

Students 250 USD

The registration fee includes: one copy of the Conference Proceedings in CD-ROM form, Welcome Get-together (Monday), lunches, and refreshments. Participations in Excursion (Wednesday) and Banquet (Thursday) need additional payments. Only payment in Mexican pesos is acceptable.

Abstracts and Manuscripts for the Proceedings

Abstracts: 350 words (contributed papers and plenary lectures) abstract following the Instruction for the Preparation of Abstracts must be received not later than April 30, 2011. All abstract should be send by the Easy chair system in the website www.icpe2011.net. The Program Committee will decide if your abstract received by the deadline is acceptable for the presentation in the Conference and let you know the decision by 15 May 2011. It is to be noted that acceptance for the presentation does not necessarily mean acceptance for the publication in the Proceedings.

Proceedings manuscripts: A five-page (contributed papers) or ten-page (invited papers) manuscripts following [Guidelines for Proceedings Manuscripts](#) must be received not later than May 30, 2011. After making any changes requested by the referees, a revised final manuscript must be received by not later than June 30, 2011 The selected papers will be published in the *Latin American Journal of Physics Education* August 2011 supplement issue (www.lajpe.org). Only e-mail submission is acceptable.

Important Dates

-Abstracts June 15, 2011

-Last day for early registration June 15, 2011

-Proceedings manuscripts July 15, 2011

-Third Announcement and Final Program July 25, 2011

-ICPE 2011 (MEXICO) August 15-19 2011

Correspondence ICPE 2011 (MEXICO)

Please address further correspondence to the organizing committee.

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SM11 Theme: Communicating Physics Outside the Classroom

Omaha, Nebraska. July 30 - August 3, 2011

Location

The 2011 AAPT Summer meeting will be held on the campus of Creighton University. A block of rooms have been reserved at the Doubletree Hotel and Executive Conference Center (shuttle buses will run between the two locations) and campus dorm rooms will also be available to those looking for alternative sleeping accommodations.

About the Meeting

Physicists speak a special language. We pride ourselves on defining our terms in a very precise and consistent way. And yet, to much of the world what we say is unintelligible. Likewise, it's sometimes hard for us to hear the physics in what nonscientists are saying. At this meeting we will focus on the art (possibly even the science?) of talking about the science we love with that larger audience beyond the students who come to our classes intent (or at least attempting!) to learn the language of physics. Whether it is at a planetarium, during a baseball game, or in a blog or a popular movie, we will reflect on the most effective ways to communicate the beauty and power of physics.

Highlights

Workshop

- **Science and Religion:** Recent interchanges between science and religion have sparked serious interest and no little heat. Science educators have an investment in these discussions, not just because they impact public school curricular policy - curious students and colleagues often raise questions whose answers require examining subtle distinctions.

Sessions

- **Communicating Climate Change:** Jim Hansen, the "father of global warming" will present the latest in communicating with the public on this critical issue from the Late Show to his book, *Storms of My Grandchildren*, in the Klopsteg award plenary. Signed copies will be awarded to randomly chosen attendees.
- **Spacetime Physics:** One of the greatest challenges in communicating the physics of relativity is the unfamiliar concept of spacetime. Panel participants Edwin Taylor (*Exploring Black Holes*), Anne Cox (*Physlet Quantum Physics*), and Thomas Moore (*Six ideas that Shaped Physics*) will present their insights into teaching spacetime physics.
- **Educating the Larger Public About Science - Lessons from Public Institutions:** A number of public scientific institutions (national laboratories, museums, planetariums, etc.) make extraordinary contributions to improving the science literacy of members of the citizenry at large. This session focuses on some of the successes achieved (and challenges faced) by people doing science outreach in these settings, and the present relationship between more traditional forms of science education and what happens in these public venues.
- **Energy and the Environment**

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PRIMER ENCUENTRO INTERNACIONAL DE FORMADORES EN CIENCIAS FÍSICAS Y SEGUNDO CONGRESO NACIONAL DE MAESTROS EN FORMACIÓN EN LA ENSEÑANZA DE LA FÍSICA.

31 de Agosto, 1 y 2 de Septiembre de 2011
Colombia

PRESENTACIÓN

El Programa de Licenciatura en Matemáticas y Física, adscrito a la Facultad de Ciencias Humanas y de la Educación de la Universidad de los Llanos convoca a la comunidad de Docentes de Física en todos los niveles y a los Estudiantes de Física, licenciaturas en Matemáticas y Física, profesores de Física de todos los niveles, e investigadores en Física en cualquiera área, a participar en el PRIMER ENCUENTRO INTERNACIONAL DE FORMADORES EN CIENCIAS FÍSICAS, y al SEGUNDO CONGRESO NACIONAL DE MAESTROS EN FORMACIÓN EN LA ENSEÑANZA DE LA FÍSICA, para compartir las experiencias investigativas en sus respectivas áreas. Las temáticas generales del evento son las siguientes:

- Tecnologías de la Información y las Comunicaciones (TIC) y la Enseñanza de la Física.
- Actividades Experimentales en la enseñanza de la Física (AEF).

- Tendencias actuales de las investigaciones en la enseñanza de la Física.
- Física experimental.
- Física teórica.
- Física aplicada.

OBJETIVO GENERAL DEL EVENTO:

Generar espacios de reflexión para conocer las tendencias actuales de las investigaciones en Física y en la enseñanza de la Física en todos los niveles.

INFORMACIÓN GENERAL:

- Dirección electrónica del Congreso: congresoformadoresfisica@unillanos.edu.co
- Secretarías ejecutivas del Congreso: Bárbara Virguéz; Nidia Riveros Vargas; Beatriz Rojas García.
- Los resúmenes de los trabajos a presentar deben ser enviados a la dirección electrónica del Congreso antes del 15 de Agosto de 2011.
- Los trabajos deben incluir la modalidad de exposición (Poster o ponencia) y los medios que se requieran para su presentación.
- Los participantes recibirán respuesta de la aceptación de sus trabajos, a lo más, tres días después de recibidos por el Comité Académico del Congreso, a partir de cuyo momento puede realizar la inscripción llenando el modelo adjunto.
- Costo de inscripciones al Congreso:
Estudiantes: \$ 80 000.00 (\$ 40.00 USD)
Profesionales: \$ 180 000.00 (\$ 90.00 USD)
El pago de la inscripción le da derecho a:
- Acreditación y carpeta del Congreso.
- Coctel de bienvenida.
- Participación en todas las ponencias y posters.
- Refrigerios.
- Memorias del evento.
- Descuentos:

40% del importe total si se realiza la inscripción antes del 1° de Agosto de 2011.

10% del importe total si la inscripción se realiza como ponente.

Los trabajos y exposiciones que, por su calidad científica, resulten seleccionados como relevantes, serán publicados en un número especial dedicado al Congreso, de la Revista indexada Orinoquia, de la Universidad de Los Llanos, para lo cual cada ponente deberá entregar a la comisión donde se realizará la exposición, su ponencia en forma de artículo científico.

Consignar en la cuenta de ahorros 364106633 del Banco de Bogotá, a nombre de Congreso de Física, Universidad de los Llanos en formato de Recaudo Nacional. Referencia No. Cedula del participante, Una vez realizada la consignación, favor comunicarlo con número de consignación al email del Congreso.

Cualquier otra información, solicitarla al correo del Congreso.

COMITÉ ORGANIZADOR

MsC. Werner Cárdenas de la Cruz (U. de los Llanos, Colombia)

Dr. Fredy Leonardo Dubeibe Marín (U. de los Llanos, Colombia)

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