

CAMI 2009

**SIMPLY
AWESOME!**

Students from Canada, the United States, and Mexico met in a tropical paradise to talk physics.



PHYSICS KNOWS NO BORDERS...

From October 22-24, students from all across North America met in Acapulco, Guerrero, Mexico to participate in the 4th Annual Canada-America-Mexico Graduate Students Physics Conference

The Canada-America-Mexico (CAM) Physics Graduate Students conference is a joint meeting of the Canadian, American and Mexican Physical Societies focusing on graduate students' education. The aim of this event is to provide an outstanding opportunity for students to develop professional skills, learn a broad range of physics topics, and initiate interactions across geographical borders. Furthermore, it fosters communication and exchange of ideas among students of various backgrounds and interests.

CAM 2009 was held from October 22-24 in Acapulco, Guerrero, Mexico. The conference was a total success. There were 136 participants from all North America who had the opportunity to present their research work to fellow international students in a relaxed setting. Topics included particle

physics; astrophysics and cosmology; nanostructures; fundamental physics phenomena; applied physics; superconductivity; and nuclear, atomic, and molecular physics. The conference was perfect for networking. Participants had a lot of fun during CAM and enjoyed the students' talks, the invited talks given by renowned scientists, and the panel discussion.

More information about CAM 2009 can be found at: <http://cam2009.smf.mx/>. A Facebook group has also been created for CAM 2009 at: <http://www.new.facebook.com/group.php?gid=161881349445&ref=ts>.

If you missed CAM 2009, you don't want to miss CAM 2011!



A total of 136 people, including graduate students, post-docs, and scientists, attended CAM 2009.

POSTER SESSION



Panel Discussion Summary

Towards the end of the conference, a panel discussion titled: "New Frontiers in Physics: Interrelations of Physics and Other Disciplines (Medicine, Biology, Geosciences, Nanosciences, etc)" was held. Panel members included David Ernst (president of the Board of Directors for the National Society of Hispanic Physicists and member of the American Physical Society Executive Board), Gordon W. F. Drake (director of International Affairs of the Canadian Association of Physicists and editor of the Physical Review A), Luis Felipe Rodriguez (president of the Mexican Physical Society), and Michael Steinitz (editor of the Canadian Journal of Physics).

Below are some of the points discussed:

- There is a desire to keep departments tied to fundamental fields (e.g., physics, chemistry), while allowing for multi or interdisciplinary activities and research. Universities should keep defined and separate boundaries between fields.
- It was suggested to include more interdepartmental courses during a student's undergraduate years to expose them to other disciplines at an early stage of their education.

- There is a current problem with high school physics teachers, where lack of resources prevent them from continuing research while teaching.

Final advice offered by panel members to graduate students:

- "Help prepare high school teachers or become a high school teacher."
- "Pick one thing/topic and become an expert on it."
- "Be unique. Read articles from other fields. Attend colloquia. Work on your networking skills."
- "Trust the system. Learn to communicate in English."

The CAM 2009 organizing committee would like to thank all participants for their high-quality presentations and active participation during all sessions of CAM 2009.

PANEL DISCUSSION



The program included oral and poster presentations given by students, invited talks given by renowned scientists, and a panel discussion about new frontiers in physics.

**STAY TUNED
FOR CAM 2011!**



ORGANIZERS AND SPEAKERS IN ACTION



Noel Carbajal



Adriana Pedroli



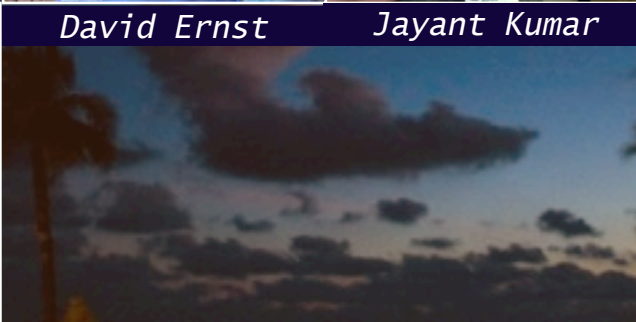
David Ernst



Jayant Kumar



Jose L. Rodriguez



Karo Michaelian



Ana Ferreras

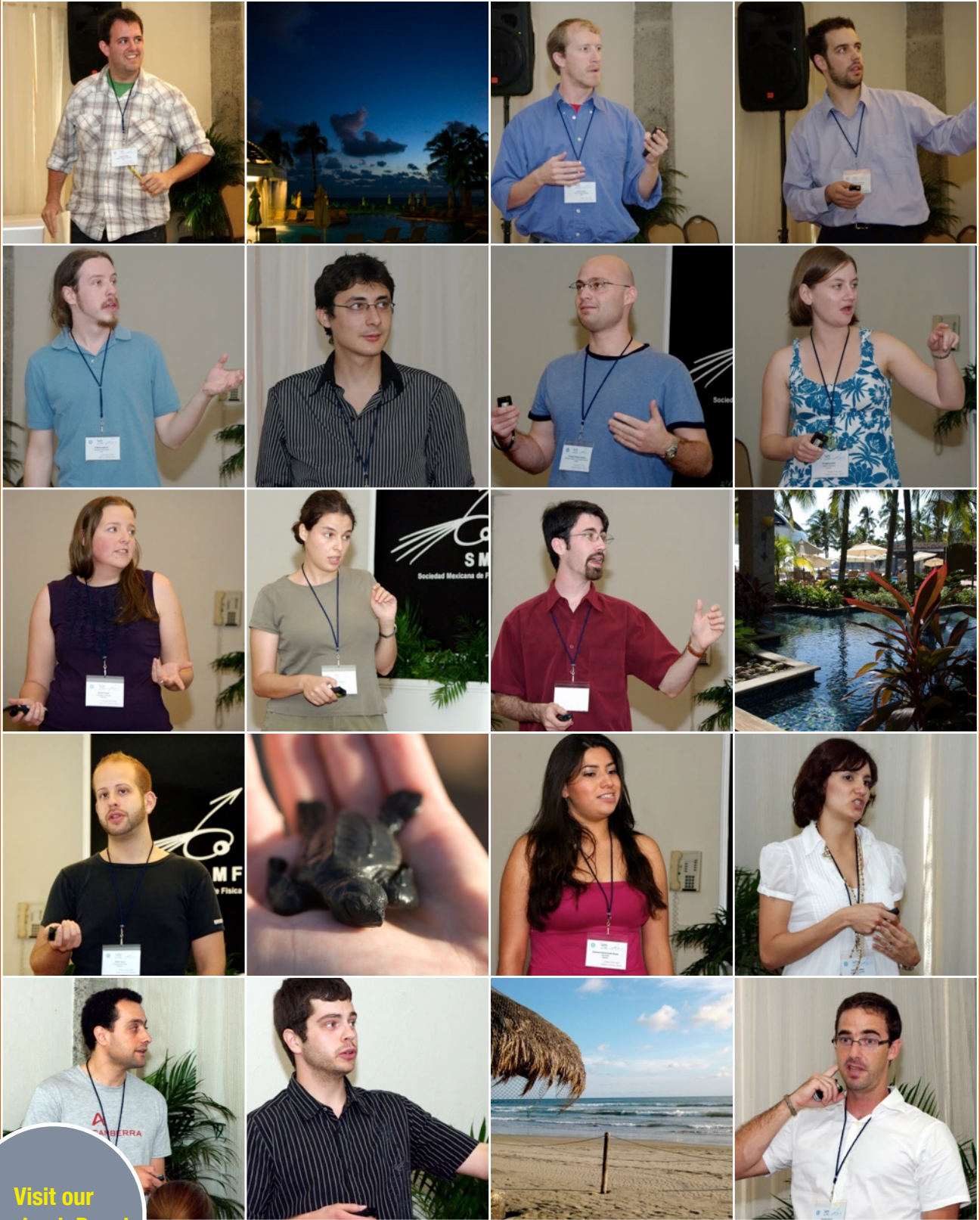


Collin Broholm

Visit our
Official CAM
2009 Page!

<http://cam2009.smf.mx/>

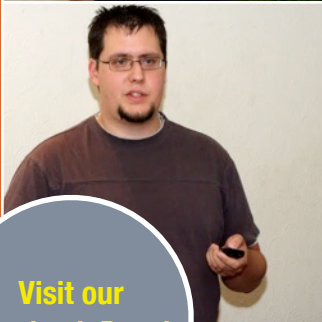
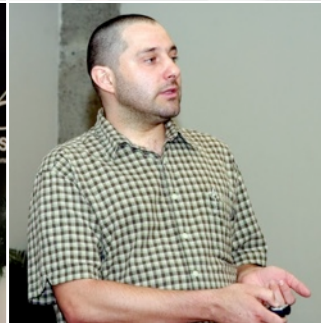
STUDENTS IN ACTION



Visit our
Facebook Page!

<http://www.facebook.com/group.php?gid=161881349445&ref=ts>

STUDENTS IN ACTION



Visit our
Facebook Page!

<http://www.facebook.com/group.php?gid=161881349445&ref=ts>

General Organizing Committee

José Luis Rodríguez López
Advanced Materials Department, IPICYT
San Luis Potosí, Mexico
General Chairman

Ivelisse M. Cabrera
Johns Hopkins University
USA Chairwoman & Coordinator

Adrian Buzatu
McGill University
Canada Chairman & Coordinator

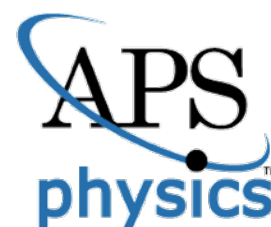
Ben A. Olsen
Princeton University
USA Coordinator

Brenda Carballo
Nuclear Sciences Institute, UNAM
Mexico

Guadalupe Mendoza Uribe
Advanced Materials Department
IPICYT
San Luis Potosí, Mexico

Maximiliano Galán
Optics Research Institute
Leon Guanajuato
Mexico

Heinrich Terborg
Physics Institute, UNAM
Mexico



International Advisory Committee

Amy K. Flatten
Director of International Affairs
The American Physical Society
USA

Gordon W. F. Drake
Department of Physics
University of Windsor
Canada

Luis Felipe Rodríguez
Astronomy Institute, UNAM
Morelia, Mexico
Mexican Physical Society
President

José Luis Rodríguez López
International Affairs
Mexican Physical Society

Guillermo Espinosa
Physics Institute, UNAM
Mexico

Octavio Castaño
Nuclear Sciences Institute
UNAM, Mexico

Victor Romero Rochín
Physics Institute, UNAM
Mexico

Carmen Cisneros
Physical Science Institute, UNAM
Cuernavaca, Morelos,
Mexico

José Luis Morán López
Polytechnic University
San Luis Potosí
Mexico



THANK YOU!