



## California Section of the American Physical Society

### Announcement for the Fall 2007 Meeting

Fall 2007 Meeting of the California Section of the American Physical Society  
Lawrence Berkeley National Laboratory  
October 26–27, 2007

The submission period for abstracts will start in September and end in mid-October. Specific dates for abstracts will appear on the website <http://aps-ca.lbl.gov> and in the Fall 2007 Newsletter which will be sent to you via e-mail during late August or early September.

Members of the Program Committee for the Fall 2007 Meeting are Ching Fong (Chair), Lin Yang, Nick Kioussis, Mike Sarahan, and Howard Matis (Chair of the Local Committee).

### Summary of the Fall 2006 Meeting

The Fall 2006 Meeting was held at California State University Long Beach (CSULB) on October 27–28. Prof. Chuhee Kwon at CSULB, with help from students and faculty, made local arrangements for this very successful meeting.

*Friday, October 27, 2006*

The Morning and Afternoon parallel Sessions were chaired by Lin H. Yang, Nicholas Kioussis, and Greg Childers.

Plenary Section Chair: Shirley Chiang

1. Andreas Heinrich, IBM Almaden Research Center  
Title: Magnetism Revisited on the Atomic Scale.
2. Priya Vashishta, University of Southern California  
Title: Multimillion Atom Molecular Dynamics Simulations of Nanoscale Materials.
3. Frances A. Houle, IBM Almaden  
Title: Research Center Ethics and the Welfare of the Physics Profession.

*After Banquet Session*

After Banquet Speaker: Alan Weinstein, Professor of Physics, Caltech  
Title: The Search for Gravitational Waves

*Saturday, October 28, 2006*

The Morning and Afternoon parallel Sessions were chaired by Howard Matis, Chuhee Kwon, Ching Y. Fong, and Donna Sheng.

### Award Winners for Speakers at the Fall 2006 Meeting

#### *Graduate Student Awards*

1. Kennedy Reed Award (Best Theoretical Research)  
1st Prize: Quan Yin  
2nd Prize: John Burke
2. Margaret Burbidge Award (Best Experimental Research)  
1st Prize: Jason Giacomo and 2nd Prize: Rajan Bista

#### *Post Doctoral Awards*

1. Charles Kittel Award (Best Theoretical Research)  
1st Prize: Karoline Wiesner  
2nd Prize: Rodrigo P. Negreiros
2. Luis Alvarez Award (Best Experimental Research)  
1st Prize: Brandon Hartfiel  
2nd Prize: None

#### *Undergraduate Awards*

Steven Chu Award (Best Research)  
1st Prize: Jared Wong  
2nd Prize, *Tied*: Daniel Guzman and Roger Newcomb

### Election News for 2007

The Nominating Committee for the 2007 APS CA Section election consists of Ching Fong (chair), Howard Matis,

Lin Yang, and Alan Kleinsasser. Currently, we are seeking candidates for Vice Chair, Members-at-Large, and Student Member. All nominations are due before August 26. The election will occur in October, and the new officers take office on January 1, 2008.

### **Annual APS Unit Convocation in Washington DC**

The APS Capitol Hill visit and Unit Convocation on February 16-17, 2007 in Washington, D.C. will be attended by Michael Barnett, Ching Fong, and Howard Matis.

### **Request for Volunteers: Bay Area Regional Science Olympiad 2007**

The Bay Area Regional Science Olympiad 2007 is seeking volunteers. The Science Olympiad is a rigorous academic tournament that consists of a series of team events for which high school students prepare throughout the year. These events are balanced between the various science disciplines of biology, chemistry, earth science, engineering, and physics. The goal of the program is to encourage students to pursue careers in science or engineering. The Bay Area Regional Science Olympiad 2007 will be held on Saturday, March 24, at The National Hispanic University in San Jose.

We are particularly in need of Event Supervisors to write exams, develop lab experiments or judge devices for the physics and engineering events.

More detailed information and training will be provided in advance. Morning snacks and lunch are provided on the day of the event. Volunteering is fun and rewarding. Plus, this could be a good opportunity to recruit top quality students to careers in physics. Please let me know if you have any questions.

Jennifer Cordero  
Director, Bay Area Regional Science Olympiad  
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Website (YahooGroup): <http://groups.yahoo.com/group/barso>

### **Officers of the CA Section of the American Physical Society**

#### *Chair*

Michael Barnett  
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#### *Chair-Elect*

Ching Yao Fong (UC Davis)  
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#### *Past Chair*

Alan Kleinsasser (JPL)  
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#### *Vice Chair*

Howard Matis (LBNL)  
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#### *Secretary-Treasurer*

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#### *Newsletter Editor*

Charlie Harper (CSU East Bay)  
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#### *Members-at-Large*

Steve Applebaum (4D Neuroimaging)  
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#### *Student Member*

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