APS Webinars

Getting more out of APS Meetings

Tuesday, February 21, 3:00 – 4:00 pm EST

Gary White
Director
SPS/Sigma Pi Sigma

Thomas Olsen
Assistant Director
SPS/Sigma Pi Sigma

Kendra Redmond
Program Coordinator
SPS/Sigma Pi Sigma

Crystal Bailey
Education and Careers Program Manager
APS
Webinar Overview

• Words of Welcome
  APS Executive Officer, Kate Kirby

• Why We Go to Meetings
  SPS Assistant Director, Thomas Olsen

• Meeting Logistics
  SPS Director Gary White

• Meeting Tips
  Kendra Redmond

• Specific Meeting Events and Resources
  Crystal Bailey

• Q & A
Meetings - why, what, when, and more
Why we meet
Because science is a communal activity!

- To learn from others
- To vet ideas with experts
- To create new ideas via brainstorming
- To sharpen our thinking through presenting
- To collaborate and develop new collaborations
- To socialize

(Sure, there are scientists who work essentially alone, but even they benefit from meetings…)
What happens at meetings

- We present our research to a knowledgeable community via oral sessions or posters.
- We learn what else is going on at the cutting edge of our own field from other presentation.
- We learn about other fields from plenary talks.
- We pause to reflect on how our own work fits in with others’ that we’ve just heard about.
- We make contact with leaders in the field, peers in our own field, and other scientists.
Before you get to the meeting

- Submit (abstract, many months ahead)
- Apply (for travel aid, many months ahead)
- Register (for the meeting itself, ~two months ahead)
- Reserve (airplane, train, etc., 6 weeks out)
- Reserve (lodging, 6 weeks out)
- Prepare (consolidate all your travel documents, confirmation numbers, etc. in one place)
At an APS meeting

- Undergraduates register for free, so why do it early?
- So you won’t have to wait in line! (and perhaps miss your time slot for your talk)
- They have epitomes that give you the brief version of the meeting schedule…

And there’s even a specialized undergraduate epitome…
Finally…

- There will be many parallel sessions: sessions that all go one at the same time in different rooms, you’ll want to check out a few of them in your field when you’re not presenting, but don’t feel like you have to fill up every minute of your time going to talks…there’s lots of networking and socializing to do as well, and you’ll need to take some down time occasionally as well.
APS Webinars

Getting more out of APS Meetings
Tuesday, February 21, 3:00 – 4:00 pm EST

Gary White
Director
SPS/Sigma Pi Sigma

Thomas Olsen
Assistant Director
SPS/Sigma Pi Sigma

Kendra Redmond
Program Coordinator
SPS/Sigma Pi Sigma

Crystal Bailey
Education and Careers
Program Manager
APS
March Meeting 2012 • February 27 - March 2 • Boston, Massachusetts

General Information

March Meeting 2012
February 27 – March 2
Boston Convention Center
Boston, Massachusetts
Meeting Code: MAR12

March Meeting 2012 will be held in the Boston Convention & Exhibition Center (BCEC), with the Westin Hotel as its headquarters hotel.

Floor Plans
» Boston Convention & Exhibition Center (BCEC)
» Westin Boston waterfront Hotel

About Boston
Links to information about transportation, restaurants, and site-seeing in Boston.
» Visiting Boston

APS Units at the March Meeting
Twenty-one units consisting of ten divisions, six forums, and five topical groups participate in APS's annual March Meeting.
» Participating APS Units and Program Chairs

Before the Meeting
International Attendees

www.aps.org/meetings/march/info/
Preparing for the Meeting

http://meetings.aps.org/Meeting/MAR12
Preparation for the Meeting: My Scheduler

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Title</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, Feb 27, 2012</td>
<td>A37: Research Collaboration between Mentors and Undergraduate Students</td>
<td>108</td>
</tr>
<tr>
<td>Monday, Feb 27, 2012</td>
<td>B37: SPS Undergraduate Research</td>
<td>108</td>
</tr>
<tr>
<td>Monday, Feb 27, 2012</td>
<td>D37: SPS Undergraduate Research II</td>
<td>108</td>
</tr>
<tr>
<td>Tuesday, Feb 28, 2012</td>
<td>H37: SPS Undergraduate Research III</td>
<td>108</td>
</tr>
<tr>
<td>Tuesday, Feb 28, 2012</td>
<td>J37: SPS Undergraduate Research IV</td>
<td>108</td>
</tr>
</tbody>
</table>
When you Arrive
Presenting at APS: Oral

March Meeting 2012 • February 27 - March 2 • Boston, Massachusetts

Speaker-Ready Room
Guidelines for Speakers

Preparing for Your Presentation
- If you plan to do a PowerPoint presentation, please bring your program on your own laptop computer.
- Be sure to visit the Speaker Ready Room to run through your presentation to ensure that it goes smoothly during your session.
- When you arrive at the session in which you are speaking, if you are using the LCD projector, please have your laptop turned on and ready to you.

Audio-Visual Information
All rooms will be equipped with an LCD projector, overhead projector, screen, laptop, microphone, and pointer. If you require additional equipment, it can be rented through the official APS A-V vendor, AVMG.

NOTE: The cost of additional equipment must be covered by the speaker. You are not allowed to bring/use your own projectors at the meeting.

Speaker-Ready Room
Convention Center

Speaker-Ready Room Hours
Sunday, February 26  1:00 p.m. – 7:00 p.m.
Monday, February 27  7:00 a.m. – 5:00 p.m.
Tuesday, February 28  7:00 a.m. – 5:00 p.m.
Wednesday, February 29  7:00 a.m. – 5:00 p.m.
12 minutes:

10 minutes to present; 2 minutes Q&A
Presenting at APS: Poster

Poster Guidelines

Presentation of a poster provides an opportunity for effective one-to-one communication. The longer presentation time of the poster session enables you to present a more in-depth description and discussion of your work.

To make a successful poster presentation:

1. Put your poster up at least 1/2 hour prior to the start of the poster session.
2. Your poster must correspond to the title and content of the abstract you submitted.
3. Your poster must be designed to fit within the confines of a 4' high x 8' wide posterboard, and consist of materials that can be mounted easily with push pins.
4. Plan your poster to be in logical sequence, i.e. introduction, study design and methods, data collected, conclusion.
5. Posters should be designed for clear viewing from a distance of beyond 3' so that they can be viewed by a number of people at the same time.
6. To ensure visual effectiveness of your poster, use large lettering and a minimum of text.
7. Use of color can visually enhance your poster.
8. Remove your poster immediately at the close of the poster session.

Note: A-V is not allowed in poster sessions at the March and April meetings - posters should be displayed using effective printed visuals.
APS Webinars

Getting more out of APS Meetings
Tuesday, February 21, 3:00 – 4:00 pm EST

Gary White
Director
SPS/Sigma Pi Sigma

Thomas Olsen
Assistant Director
SPS/Sigma Pi Sigma

Kendra Redmond
Program Coordinator
SPS/Sigma Pi Sigma

Crystal Bailey
Education and Careers
Program Manager
APS
Future of Physics Days, 2012

February 27 - 29, 2012 – Boston, MA
March 30 – April 1, 2012 – Atlanta, GA

Future of Physics Days 2012

Photos courtesy of Luke Heselden and Ken Cole
Goals for Future of Physics Days

- To provide experiences for undergraduates at meetings which will serve to inform and inspire them about physics careers.
- To create an opportunity for students to present their research in a supportive, constructive environment, and to foster a sense of community at the meetings.
- To encourage students to learn about current research in physics and related fields.
- To provide professional development resources for students who are thinking about the next steps in their degree and/or career path.

Future of Physics Days 2012
Future of Physics Days Events

FPD Travel Support

- **FPD Basic Travel Awards**
  - $200 support level
  - All presenting students are eligible

- **FPD Scholar Travel Awards**
  - $1000 support level ($500 from APS with matching $500 from student’s department)
  - To qualify, student must:
    - **Present** at the meeting
    - Submit a **statement of need** (signed by their research mentor)
    - Submit a **statement of matching** (signed by their department chair or research mentor)
    - Submit a **report** following the meeting detailing their future goals, meeting experiences, and information about why they got interested in physics.

**March Travel Award Deadline: January 27 (passed)**

**April Travel Award Deadline: March 9**

Future of Physics Days Events

Undergraduate Epitome

- The purpose of the UG epitome is to highlight sessions of particular interest to students
- Two versions will be made available:
  - Online Version:
    http://meetings.aps.org/Meeting/MAR12 –> “Undergraduate Epitome”
  - Paper/PDF Version
- Before the meeting, check out the UG Epitome online and get a general plan of your route
- During the meeting, pick up a paper copy of the Epitome in the Student Lounge, or at the SPS Undergraduate Sessions
- All FPD events/receptions will be included in the UG Epitome!

Note: Please wait until this afternoon to access the online version....
Graduate School Fair

- Meet recruiters from Graduate Programs!
  - Montana State University-Bozeman
  - Boston University
  - Appalachian State University
  - Rice University
  - Florida International University
  - Texas State University San Marcos
  - Kent State University
  - University of New Hampshire
  - Emory University

Graduate School Fair Reception:
Tuesday, February 28, 12:30 – 2 pm

Graduate School Fair Hours:
- Monday, February 27, 12 – 4 pm
- Tuesday, February 28, 12 – 4 pm
- Wednesday, February 29, 12 – 4 pm

Student Lounge

- Space for students to receive epitomes, special information about FPD events—and just chill!
- T-shirts for all registered students

More info: http://www.aps.org/programs/education/undergrad/students/futurephysics/gradfair.cfm
SPS Oral and Poster Research Presentation Sessions

- Participate in undergraduate-only SPS research presentation sessions!
- Winning presenters will receive recognition and prizes at the Student Awards and Networking Reception

Mentor/Student Welcome Reception
Westin, Otis Room
Monday, February 27
7:30 – 9:00 pm

SPS Student Presentations
Boston Convention Center Rm 108:

Monday, February 27
Session B37: 11:15 am – 2:15 pm
Session D37: 2:30 pm – 5:30 pm

Tuesday, February 28
Session H37: 8 am – 11 am
Session J37: 11:15 am – 12:30 pm
Poster Session K1: 2:30 pm -5:30 pm
Main Exhibit Hall

Mentor/Student Welcome Reception

- Undergraduates and their mentors are invited to enjoy wonderful food and learn about career opportunities for students of physics
- Team up with your mentors in a special contest to win some really great prizes!

Future of Physics Days 2012
Student Awards and Networking Reception

- Winning undergraduate presenters will be recognized and given prizes
- Graduate School Fair representatives will also be on-hand to answer questions
- Employers in the March 2012 Job Expo will also be present
- Participate in a “speed networking” event to learn more about employers and make connections!
- Enjoy delicious refreshments!!

For more information on all of the March Future of Physics Days Events:

www.aps.org  KEYWORD:  Future Physics
Click on “March Meeting” link
Other March Meeting Events

Career Workshop with Peter Fiske

APS is proud to announce that celebrated author and science career coach, Peter Fiske, will lead the March Career Workshop in Boston, MA. Topics will include:

• Career planning
• Developing Interview Skills, Writing a compelling CV, and more!

Learn more: www.aps.org/meetings/march/workshops/career.cfm

APS 2012 March Job Expo

Once again, APS is hosting an on-site Job Expo at the March meeting. Registered Job Seekers can search online job postings, store copies of resumes and cover letters, apply for jobs, and schedule an interview with employers at the meeting. Registration is FREE for job seekers!

Learn more: www.aps.org  KEYWORD: Job Expo

Future of Physics Days 2012
SPS Oral and Poster Research Presentation Sessions

- Participate in undergraduate-only SPS research presentation sessions!
- Winning presenters will receive recognition and prizes at the Undergraduate Awards Brunch

SPS Student Presentations
Hyatt Regency, Grand Hall East D

Saturday, March 31
Session B15: 10:45 am – 12:33 pm
Session C15: 1:30 pm – 3:18 pm

Poster Session E1: 5:45 pm – 7:30 pm
Grand Hall West

FPD Graduate Panel and Lunch
Hyatt, Grand Hall East D

Saturday, March 31
12:35 – 1:30 pm

FPD Graduate Panel and Lunch

- Undergraduates will have the opportunity to meet with grad students from FGSA to get the real “skinny” on graduate school.
- Topics range from choosing an advisor, to best ways to blow off steam
- Sandwiches and drinks will be provided.
Career Panel and Networking Reception

Hyatt, Hanover Room AB
Friday, March 30
7:00 – 10:00 pm

Career Panel and Networking Reception
• A great opportunity to speak with working physicists from a variety of career paths, and network with other students
• A pizza buffet and drinks will be served.

Undergraduate Awards Brunch
• Winning undergraduate presenters will be recognized and given prizes
• Team up with your fellow undergraduates and research advisors to compete in a fun activity which will also educate both groups about physics career possibilities for undergraduates

For more information on all of the April FPD Events please visit
www.aps.org  KEYWORD:  Future Physics
Click on “April Meeting” link

Future of Physics Days 2012
Thank you!

For questions, comments, queries, or criticisms

Email: bailey@aps.org
APS Webinars

Getting more out of APS Meetings
Tuesday, February 21, 3:00 – 4:00 pm EST

Gary White
Director
SPS/Sigma Pi Sigma

Thomas Olsen
Assistant Director
SPS/Sigma Pi Sigma

Kendra Redmond
Program Coordinator
SPS/Sigma Pi Sigma

Crystal Bailey
Education and Careers Program Manager
APS