

ENGAGE WITH HUNDREDS OF SOCIETY'S BRIGHTEST, MOST ENTHUSIASTIC PHYSICS STUDENTS AND ALUMNI



2016 Quadrennial Physics Congress

November 3–5, 2016 in Silicon Valley

Host Hotel: Hyatt Regency-San Francisco Airport

www.sigmapi sigma.org/congress/2016



Hosted by Sigma Pi Sigma,
the physics honor society

The Quadrennial Physics Congress (PhysCon) brings together physics students, alumni, and faculty members for three days of frontier physics, interactive professional development workshops, and networking. It is the largest gathering of undergraduate physics students in the world!

PhysCon 2016 will be a cutting-edge, life-changing meeting where participants will be immersed in theme “Unifying Fields: Science Driving Innovation.”

This meeting happens just once every four years, and presents unique opportunities for attendees to:

- Bond with fellow physics students from across the United States and beyond.
- Explore graduate programs, summer research opportunities, and workforce options.
- Be inspired by renowned physicists and tours of labs at the forefront of science and technology.
- Grow professionally through workshops on communication, inclusion, and leadership.
- Expand their understanding of physics and its variety of applications.
- Present their research to fellow students, potential graduate school advisors, and potential employers.

ANYONE INTERESTED IN
PHYSICS IS INVITED TO ATTEND



Unifying Fields

Science Driving Innovation

SPEAKERS

- **Jocelyn Bell Burnell**, Visiting Professor at the University of Oxford
- **Eric Cornell**, Senior Scientist at JILA, NIST, and the Department of Physics, University of Colorado at Boulder, and 2001 Physics Nobel Laureate
- **Persis Drell**, Dean of Stanford University School of Engineering and Director Emerita of the SLAC National Accelerator Laboratory
- **S. James Gates**, Distinguished Professor and Director, Center for String & Particle Theory at the University of Maryland
- Additional speakers will be announced soon—visit the website for updates: www.sigmapisigma.org/congress/2016.

WORKSHOP TOPICS

- Careers for Physicists
- Communicating Science
- Taking your SPS Chapter to the Next Level
- Building up the Community
- Life as a Graduate Student

SCIENCE & TECHNOLOGY SITE VISITS

- SLAC National Accelerator Laboratory
- NASA's Ames Research Center
- Google X

REFLECTIONS FROM 2012

“What advice would you give to students thinking about attending an upcoming Physics Congress? GO!”

– Gus Hart, Professor at Brigham Young University, 2012 attendee

“Attending the 2012 Congress was one of the most influential weekends of my undergraduate career.”

– Danielle Weiland, 2012 attendee

“I had always felt a bit like a ‘pretend’ physicist, or perhaps I didn’t fit right. While I’m not working in physics after graduation, PhysCon cemented my belonging in the science world.”

– Audrey Burkart, 2012 attendee

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2016 Quadrennial Physics Congress



POSTER SESSIONS • ART CONTEST • EXHIBIT • DANCE PARTY
MORE DETAILS TO COME!

Dr. Jocelyn Bell Burnell is the Honorary Chair of the 2016 Physics Congress. Best known for her pioneering work on the discovery of radio pulsars, Bell Burnell is a Dame Commander of the Order of the British Empire, Fellow of the Royal Society, and a Fellow of the Royal Astronomical Society. She was a plenary speaker at both the 2012 and 2004 Physics Congresses.

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