



2018 Annual Program Review Agenda

Tuesday, June 19 – Thursday, June 21
Argonaut Hotel, San Francisco, CA

Updated Sunday, June 17, 2018

Monday, June 18 (Fellows Only) (Tour attendees arrive throughout the day.)

- 3:30 – 7:00pm **Registration** — Golden Gate Ballroom Prefunction Space
- 4:00 – 5:00pm **New Attendee Orientation** — Constellation Room
- 5:00 – 7:00pm **Reception** — Maritime Room

Tuesday, June 19 (Fellows Only) (Non-tour attendees arrive throughout the day.)

- 6:00 – 7:00am **Breakfast** — Golden Gate Ballroom C
- 7:00am – **Bus Departs for Lawrence Livermore National Laboratory**
- 8:30am – 5:00pm **DOE Laboratory Tours (Lawrence Livermore and Sandia) (fellows only)**
Limited to preregistered fellows. Concludes with return transportation to San Francisco.
- 5:30 – 7:30pm **Reception** — Campo di Bocce (Livermore, CA)
- 7:30pm – **Bus Departs for Argonaut Hotel**

Wednesday, June 20

- 7:30 – 9:00am **Registration** — Golden Gate Ballroom Prefunction Space
- 7:30 – 8:30am **Breakfast** — Maritime Room
- 8:30 – 8:35am **Krell Institute Welcome** — Golden Gate Ballroom A & B
Robert Voigt — Krell Institute
- 8:35 – 8:45am **DOE NNSA Welcome** — Golden Gate Ballroom A & B
Sarah Wilk — Department of Energy National Nuclear Security Administration

Session I — Golden Gate Ballroom A & B Moderator: Jennifer Shusterman, CUNY-Hunter College; DOE NNSA SSGF Alumna

- 8:45 – 9:10am **Cole Holcomb** — Princeton University
“Gyroresonant Streaming Instability of Interstellar Cosmic Rays”
- 9:10 – 9:35am **Io Kleiser** — California Institute of Technology
“Modeling Rapidly Fading Supernovae as Nickel-free Core-collapse Explosions of Extended Helium Stars”
- 9:35 – 10:00am **Fabio Iunes Sanches** — University of California, Berkeley
“Quantum Information in Gravity”
- 10:00 – 10:30am **Break** — Golden Gate Ballroom Prefunction Space

- 10:30 – 11:30am **Keynote**
Luke Shulenburg — Staff Scientist, High Energy Density Plasma Theory, Sandia National Laboratories
“Exploring the Interplay Between Theory and Experiment in the Study of Materials Under Extreme Conditions”
- 11:30am – 1:00pm **Luncheon** — *Maritime Room*

Session II — *Golden Gate Ballroom A & B*
Moderator: Jennifer Shusterman, CUNY-Hunter College; DOE NNSA SSGF Alumna

- 1:00 – 1:25pm **Cameron Meyers** — University of Minnesota
“An Experimental View of Earth’s Upper Mantle: Densification, Deformation, and Recovery of Olivine-rich Rocks”
- 1:25 – 1:50pm **Amy Lovell** — Michigan State University
“Uncertainty Quantification for Reaction Theory”
- 1:50 – 2:15pm **Richard Vega** — Texas A&M University
“Transport Sweeps Using an Extended Slice Balance Approach with LDFE and GPU Acceleration”
- 2:15 – 3:00pm **Set Up: Fellows' & DOE Laboratory Poster Sessions** — *Maritime Room*
- 2:15 – 3:00pm **Photo Session: Outgoing Fellows & Fellow/Alumni Retakes** — *Constellation Room*
- 3:00 – 4:00pm **DOE Laboratory Poster Session** — *Maritime Room*
- 4:00 – 6:00pm **Fellows' Poster Session** — *Maritime Room*

Thursday, June 21

- 8:00 – 9:00am **Registration** — *Golden Gate Ballroom Prefunction Space*
- 8:00 – 9:00am **Breakfast** — *Maritime Room*
- 8:00 – 8:45am **Photo Session: Incoming Fellows** — *Constellation Room*

Session III — *Golden Gate Ballroom A & B*
Moderator: Kim Budil, University of California, National Laboratories

- 9:00 – 9:40am **Keynote**
Alan S. Wan — Deputy Program Director, Weapon Physics and Design Program, Lawrence Livermore National Laboratory
“Supporting Stockpile Stewardship with High-energy-density Physics Experiments”
- 9:40 – 10:05am **Alison Saunders** — University of California, Berkeley
“Using X-ray Thomson Scattering to Measure Plasma Conditions in Warm Dense Matter Experiments on the OMEGA Laser”
- 10:05 – 10:30am **Leo Kirsch** — University of California, Berkeley
“Gamma Strength From Quasicontinuum Lifetimes”
- 10:30 – 10:45am **Break** — *Golden Gate Ballroom Prefunction Space*
- 10:45 – 11:10am **Charles Epstein** — Massachusetts Institute of Technology
“A Precise Look at Electron-electron Scattering”
- 11:10 – 11:35am **Collin Stillman** — University of Rochester
“Ultrafast X-ray Spectroscopy of Hot Dense Matter Systems”

11:45am – 12:45pm

Keynote Q&A

Janet Napolitano — President, University of California

12:45 – 1:45pm

Closing Luncheon — *Maritime Room*

