



SCIENCE TEACHER DAY AGENDA

Hilton Fort Lauderdale Marina - Tuesday, October 22, 2019

(Instructor names and affiliation are in parenthesis)

- 7:45am - 8:15am **Registration and Coffee** - Meeting Room: Grand Ballroom C
- 8:15am - 8:30am **Welcoming Remarks** - Meeting Room: Grand Ballroom C
Arturo Dominguez, APS-DPP Education and Outreach Chair
- 8:40am -10:10am **Workshop Session 1**
PLASMA 101: Introduction to Fusion Energy and Plasma Sciences
- Middle School teachers (Cheryl Harper & G. Samuel Lightner, CPEP)
Meeting Room: Atlantic 1
 - High School teachers (Rick Lee, General Atomics)
Meeting Room: Atlantic 2
- 10:20am -11:50am **Workshop Session 2**
- **Hands-On Fusion and Plasma Activities for your Classroom**
(Cheryl Harper, Greensburg-Salem High School and Sam Lightner, CPEP)
Meeting Room: Atlantic 1
 - **Light and the Nature of Matter** (Steve Allen, Lawrence Livermore National Laboratory) - Meeting Room: Atlantic 3
 - **Teaching Plasma Physics Through Classroom Demos** (Andrew Seltzman, MIT)
Meeting Room: Atlantic 4
 - **The Electromagnetic Spectrum** (Rick Lee, General Atomics)
Meeting Room: Atlantic 2
- 11:50am -1:00pm **Complimentary Luncheon with Scientists** - Meeting Room: Grand Ballroom C
(Outside patio, weather permitting)
- 1:10pm -2:40pm **Workshop Session 3**
- **Light and the Nature of Matter** (Steve Allen, Lawrence Livermore National Laboratory)
Meeting Room: Atlantic 3
 - **Making Fusion Work: Applying Crosscutting Concepts for Energy Solutions**
(Stephanie Diem, Oak Ridge National Laboratory and Cami Collins, General Atomics)
Meeting Room: Atlantic 1
 - **Teaching Plasma Physics Through Classroom Demos** (Andrew Seltzman, MIT)
Meeting Room: Atlantic 4
 - **Coding Integration into High School Physics and Physical Science:** (Prof. Chris Orban, Ohio State University Department of Physics) - Meeting Room: Atlantic 2
- 2:40pm – 3:00pm **Workshop Wrap-Up:** Evaluations, certificate of completion & pick-up your bag of FREE science tools for your classroom! - Meeting Room: Grand Ballroom C
- 3:00pm – 5:00pm **Optional:** Attend [APS-DPP Conference](#), FREE with Science Teacher Day name badge
Location: Ft. Lauderdale/Broward Convention Center