

9:00 New Physics Teacher Workshop: Hands-on Experiments for New Teachers

James Lincoln, Bill Layton, Jennifer Scholz

10:00 Welcome

10:05 Teaching Circuits in the NGSS

Joseph Calmer, Beckman HS

10:25 Building Literacy Skills Using Physics Performance Tasks

Jennifer Caamano Scholz

10:40 The Hand Boiler and How it does NOT Work

James Lincoln, President SCAAPT

10:55 Catching Dark Matter with Density Waves

Noah Bray-Ali, Mount Saint Mary's University, Los Angeles

11:10 Vendor Spotlight: "Physics Labs Delivered" STEM Mobile, Inc.

11:25 Business Meeting, Election

11:50 Lunch // Play with the STEM Mobile Lab

12:45 Show & Tell

1:10 Edpuzzle to the rescue!

Nanor Williams

1:30 The Modern Demo Room: Empowering Faculty while Minimizing Chaos

Kevin Coulombe, Cal Poly SLO

2:00 Keynote Speaker: Introducing the James Webb Telescope

John Hoot, Director, SSC Laboratories

3:00 Using the Science of Color to Model Astronomy

Brandon Rodriguez, NASA JPL

3:20 Autopsy of a Failed Extension Policy

Peanut McCoy, Azusa Pacific University

3:35 An Exercise in Observation

Larry Stein, University of La Verne

3:50 Closing, Raffles, and Order of Magnitude