



# PhysicsCon 2024

## WAVE OF THE FUTURE

---

**Saturday June 1, 2024**

**CSULB Hall of Science**

**9:00 AM – 3:30 PM**

**8:30 am – 9:30am**

**Breakfast Coffee Muffins // Registration Admission**

**9:00 am Session**

**Morning Show & Tell: Physics Demos**

Everyone, Shawn Kirby Hosts

**Total Internal Reflection with Microwaves**

Bernard Cleyet, Cleyet.org

**Top 10 Demonstrations of Impossible Physics**

James Lincoln, ΦCon Director

**10:00 am Session**

**Welcome Address: “Physics is For Everyone”**

Paul G. Hewitt, *Conceptual Physics*

**The Other Oppenheimer Movie**

Dwight Schultze, TNG

**Galileo and the Lute: Physics of Music**

Frank Thurmond, Univ. of AR, Little Rock

**11:00 am Session**

**100 years of Wavicles**

Papers of Louis de Broglie

**The Earth: STILL not Flat!**

John Mallinckrodt, Cal Poly Pomona

**Working for Veritasium**

Rick Cavallero & James Lincoln

**You Don't Have to be Smart to Know and Do Physics**

Larry Stein, University of LaVerne

**12 noon:**      **Lunch provided by [Arbor Scientific](#)\***      Free!

**Hands on Experiments Room for Young Physicists**      CSULB Science Hall

**1:00 pm Session:**

**A Lost Feynman Story**      Recording, cur. James Lincoln

**A New View of the Universe**      James Webb Space Telescope, NASA

**2:00 pm Session**

**New Experiments for a New AP Physics**      Arbor Scientific\*

**Cosmic Redshift but NO BIG BANG**      Arnie Benn, Quantum Bicycle Society

**Falling through the Earth**      Alex Klotz, CSULB

**Announcements from CSULB Physics**      Justin Fournier, CSULB

**Other Announcements**      Philip Blanco, SCAAPT, et al

**3:00pm Prizes for all participants**

**3:15 pm Academic Sessions (optional)**

**Inspiring Creativity and Advancement through DEI**      Praisyl Poluan, Edison HS

**Origami Spinners for Physicists**      Albert David Valderrama

**Get Out of Your Seat: Utilizing Engagement Strategies**      Jessica Gutierrez, Santa Mon.HS

**4:00pm Closing Remarks**

*\*Sponsored: [www.ArborSci.com](http://www.ArborSci.com)*