

West High School & L&N STEM Academy

Previous Lectures

Spring 2023 Schedule

GIBBS HIGH SCHOOL

- **January 18:** Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time

WEST HIGH SCHOOL

Year 1 IB:

- **February 27:** Max Lavrentovich—The Second Law Of Thermodynamics
- **April 11:** Tova Holmes—Quarks, Leptons, and Bosons: Understanding the Building Blocks of the Universe

Year 2 IB:

- **January 30:** Cristian Batista—The Strange World of Quantum Physics: The Dual Particle and Wave Nature of Matter
- **March 6:** Anthony Mezzacappa—Einstein's Theory of Gravity

L&N STEM ACADEMY PHYSICS LECTURES

AP Physics

- **January 23:** Kate Jones—The Periodic Table's Cosmic Origin

Honors Physics Section I

- **February 21:** Lucas Platter—The Physics of the Sun

Honors Physics Section II

- **March 27:** Larry Lee—Unsolved Mysteries (of Elementary Particles)

Astronomy Section I

- **April 19:** Sean Lindsay—TBA

Astronomy Section II

- **April 20:** Sean Lindsay—TBA

Previous Lectures

Fall 2022

- December 13: Professor Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time

Fall 2021

- November 30: Professor Soren Sorensen—What is Everything Made of?
- November 24: Professor Anthony Mezzacappa—Research on the Origin of the Elements, in your own Back Yard
- November 22: Assistant Professor Max Lavrentovich—The Second Law of Thermodynamics
- November 22: Professor Yuri Kamyshkov—Dark Matter
- November 17: Professor Thomas Papenbrock—Quantum Physics in our Everyday Life
- November 15: Professor Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time
- November 10: Professor Anthony Mezzacappa—Research on the Origin of the Elements, in your own Back Yard
- November 10: Professor Soren Sorensen—What is Everything Made of?
- November 5: Professor Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time
- November 1: Professor Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time

Spring 2021

- April 8: Professor Soren Sorensen—What is Everything Made of?
- April 16: Professor Anthony Mezzacappa—Einstein's Relativity: Shattering our Everyday Notions of Time
- April 22: Professor Kate Grzywacz-Jones—The Periodic Table's Cosmic Origin Story

Spring 2019

- February 5: Professor Anthony Mezzacappa—Special Relativity
- February 6: Professor Anthony Mezzacappa—General Relativity
- February 26: Assistant Professor Maxim Lavrentovich

Spring 2018

- February 1: Kranti Gunthoti—Static Electricity

Fall 2017

- October 5: Assistant Professor Sowjanya Gollapinni—Particle Physics
- October 5: Kranti Gunthoti—Electromagnetism
- November 16: Professor Yuri Kamyshkov—Matter/Antimatter
- November 17: Professor Anthony Mezzacappa —Special Relativity

Spring 2017

- May 11: Professor Anthony Mezzacappa—Special Relativity

Fall 2016

- November 2: Professor Anthony Mezzacappa, Assistant Professor Sowjanya Gollapinni, and Kranti Gunthoti—Physics and Society.
- December 12: Assistant Professor Sowjanya Gollapinni—Neutrinos