

Session Program

May 18 - 22, 2026



27th Conference of the International Linear Algebra Society (ILAS 2026)

Linear Algebra Education

Virginia Tech
Blacksburg, VA 24061

Mon, May 18

11:00 AM

Linear Algebra Education: A

Session | **Location:** Virginia Tech, Torgersen Hall 2150

11:25 - 11:50 AM

Blind Singal Separation as a model to introduce Linear Transformatios

Speaker

Maria Trigueros

11:50 AM - 12:15 PM

The Inquiry-Oriented Linear Algebra Project

Speaker

Megan Wawro

12:15 PM

3:45 PM

Linear Algebra Education: C

Session | **Location:** Virginia Tech, Torgersen Hall 2150

3:45 - 4:10 PM

Immersive Exercises for Linear Algebra

Speaker

Prof. Conrad Plaut

4:10 - 4:35 PM

Finding the Right Basis (or Bases)

Speaker

Jeffrey Stuart

4:35 - 5:00 PM

Cards on the Table: Playing with Linear Algebra Concepts

Speaker

Martijn Boussé

5:25 PM

Tue, May 19

11:00 AM

Linear Algebra Education: D

Session | **Location:** Virginia Tech, Torgersen Hall 2150

11:00 - 11:25 AM **A few issues in teaching linear algebra**

Speaker

Fuzhen Zhang

11:25 - 11:50 AM

Linear algebra applications in students' post linear algebra course work

Speaker

Christine Andrews-Larson

11:50 AM - 12:15 PM

Promoting Linear Algebraic Reasoning Among Students: Affordances and Challenges

Speaker

Guershon Harel

12:15 PM

3:45 PM

Linear Algebra Education: F

Session | **Location:** Virginia Tech, Torgersen Hall 2150

3:45 - 4:10 PM **Linear Algebra Education from an APOS perspective**

Speaker

Dr Asuman Oktaç

4:10 - 4:35 PM

Engaging Undergraduates in Computational Linear Algebra Through Data-Driven Projects

Speaker

Sima Ahsani

4:35 - 5:00 PM

You sunk my Battleship! Exploring Matrix Multiplication with a Linear Algebra Video Game

Speaker

Matthew Mauntel

5:00 - 5:25 PM

Symplectic Linear Algebra in Honors Linear Algebra - A Proposal

Speaker

Matthew Park

5:25 PM

Wed, May 20

10:45 AM

Linear Algebra Education: G

Session | Location: Virginia Tech, Torgersen Hall 2150

10:45 - 11:10 AM

Visualizing the Spectral Theorem for Symmetric Matrices in a Dynamic Geometry Environment

Speaker

Günhan Caglayan

11:10 - 11:35 AM

A Free Online Linear Algebra Textbook with Explorations that may Help your Students

Speakers

Anna Davis, Paul Zachlin

11:35 AM - 12:00 PM

Balancing Theory and Application in Numerical Linear Algebra with Modern Computational Tools

Speaker

Prof. Sepideh Stewart

12:00 PM