

Session Program

May 18 - 22, 2026



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

Plenary Talks

Virginia Tech
Blacksburg, VA 24061

Mon, May 18

8:30 AM

Plenary Talks

Session | **Location:** Virginia Tech, McBryde Hall 100

8:30 - 9:20 AM

A new age of iterative Krylov methods for inverse problems: What to do with expensive inner-product computations?

Speaker

Julianne Chung

9:25 - 10:15 AM

Optimal interpolation in Hardy, Bergman and ℓ^p_A spaces: a reproducing kernel Banach space approach

Speaker

Hugo Woerdeman

10:15 AM

Tue, May 19

8:30 AM

Plenary Talks

Session | **Location:** Virginia Tech, McBryde Hall 100

8:30 - 9:20 AM **Stochastic trace estimation for parameter-dependent matrices**

Speaker

Arvind Krishna Saibaba

9:25 - 10:15 AM **Inverse problems on a graph: strong matrices and graph minors**

Speaker

Jephian C.-H. Lin

10:15 AM

Wed, May 20

8:30 AM

Plenary Talks

Session | **Location:** Virginia Tech, McBryde Hall 100

8:30 - 9:20 AM

Quantum Numerical Linear Algebra Doesn't Have to be Hard: A Matrix Algebra Oriented Approach

Speaker

Haim Avron

9:25 - 10:15 AM

The Eigenvalue Method in coding theory

Speaker

Aida Abiad

10:15 AM

Thu, May 21

8:30 AM

Plenary Talks

Session | **Location:** Virginia Tech, McBryde Hall 100

8:30 - 9:20 AM

When Structured Matrices Pay Off: Linear Algebra at the Heart of Wireless Communication

Speaker

Sirani M. Perera

9:25 - 10:15 AM

Numerical Ranges and Dilations: Theoretical Advances and Applied Perspectives

Speaker

Chi-Kwong Li

10:15 AM

Fri, May 22

10:45 AM

Plenary Talks

Session | **Location:** Virginia Tech, McBryde Hall 100

10:45 - 11:35 AM

Geometric and Algebraic Methods for Constructing Hierarchically Low-Rank Matrices

Speaker

Sherry Li

11:40 AM - 12:30 PM

Nodal Statistics for Graphs and Matrices

Speaker

John Urschel

12:30 PM