

Session Program

May 18 - 22, 2026



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

Krylov Iterative Methods for Linear Equations

Virginia Tech
Blacksburg, VA 24061

Mon, May 18

11:00 AM

Krylov Iterative Methods for Linear Equations: A

Session | Location: Virginia Tech, McBryde Hall 129

11:00 - 11:25 AM

Krylov Methods for Rank-one Updates of Eigenvalue Problems and Linear Equations

Speaker

Dona Ishara Saparamadu

11:25 - 11:50 AM

Convergence Analysis for Infinite GMRES

Speaker

Jordan Jackson

11:50 AM - 12:15 PM

Twin CG for Linear Equations with Multiple Right-hand Sides

Speaker

Abigail Williams

12:15 PM

2:00 PM

Krylov Iterative Methods for Linear Equations: B

Session | Location: Virginia Tech, McBryde Hall 129

2:00 - 2:25 PM

Polynomial Preconditioning for Indefinite Matrices

Speaker

Hayden Henson

2:25 - 2:50 PM

Polynomial Preconditioned Golub-Kahan for Finding Singular Values and Solving Least Squares

Speaker

Kingsley Michael

2:50 - 3:15 PM

Preconditioner Updating with Lasso-based Sparse Approximate Maps

Speaker

Achintya Sunil

3:15 PM