

Session Program

May 18 - 22, 2026



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

Topics in Randomized Numerical Linear Algebra

Virginia Tech
Blacksburg, VA 24061

Thu, May 21

2:00 PM

Topics in Randomized Numerical Linear Algebra: I

Session | Location: Virginia Tech, Torgersen Hall 3100

2:00 - 2:25 PM

Robust hybrid infinite and finite dimensional tensor factorizations

Speaker

Jocelyn Chi

2:25 - 2:50 PM

Randomized Numerical Linear Algebra for Tensor-Based Transformers

Speaker

Katherine Pearce

2:50 - 3:15 PM

Blocked Leverage Score Sampling in the Randomized Alternating Least Squares CP Tensor Decomposition

Speaker

Dr Karl Pierce

3:15 - 3:40 PM

Accelerating Ptychographic Reconstruction via Stochastic Multilevel Optimization

Speaker

Zichao Wendy Di

3:40 PM

Fri, May 22

8:45 AM

Topics in Randomized Numerical Linear Algebra: J

Session | Location: Virginia Tech, Torgersen Hall 3100

8:45 - 9:10 AM

Accelerating Asynchronous Iterative Methods with Residual-Biased Randomization

Speaker

Evan Coleman

9:10 - 9:35 AM

Block Subset Selection based on Randomized QR with Column Pivoting

Speaker

Mitchell Scott

9:35 - 10:00 AM

Singular values and vectors of sparse random rectangular matrices at criticality

Speaker

Haixiao Wang

10:00 AM