

Session Program

May 18 - 22, 2026



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

Computational Advances in Discrete Inverse Problems

Virginia Tech
Blacksburg, VA 24061

Mon, May 18

3:45 PM

Computational Advances in Discrete Inverse Problems: C

Session | Location: Virginia Tech, Torgersen Hall 1030

3:45 - 4:10 PM

A Regularization Method for Compact Linear Operator Equations Based on the Arnoldi Process

Speaker

Mykhailo Kuian

4:10 - 4:35 PM

Recycling and Streaming for Large Scale Nonlinear Inverse Problems

Speaker

Toluwani Okunola

4:35 - 5:00 PM

Latent Twin Operator

Speaker

Riley Yizhou Chen

5:00 - 5:25 PM

New flexible and inexact Krylov solvers for inverse problems

Speaker

Dr Malena Sabate Landman

5:25 PM

Tue, May 19

2:00 PM

Computational Advances in Discrete Inverse Problems: E

Session | Location: Virginia Tech, Torgersen Hall 1030

2:00 - 2:25 PM

Kronecker Rank Bounds for Operator Matrices

Speaker

Malena Espanol

2:25 - 2:50 PM

IterativeCUR: One Small Sketch for Big Matrix Approximations

Speaker

Nathaniel Pritchard

2:50 - 3:15 PM

Regularized Krylov Subspace Methods in Low Precision

Speaker

James Nagy

3:15 PM