

Session Program

May 18 - 22, 2026



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

Symplectic Linear Algebra and Applications

Virginia Tech
Blacksburg, VA 24061

Thu, May 21

2:00 PM

Symplectic Linear Algebra and Applications: I

Session | Location: Virginia Tech, Torgersen Hall 1040

2:00 - 2:25 PM

Structure-preserving Krylov Subspace Approximations for the Matrix Exponential of Hamiltonian Matrices

Speaker

Heike Faßbender

2:25 - 2:50 PM

On symplectic reduction of a matrix to upper J -Hessenberg form

Speaker

Ahmed Salam

2:50 - 3:15 PM

The ϕ -Reversibility Problem for the Real Symplectic Group

Speaker

Nicole Joy Datu

3:15 - 3:40 PM

On generalization of Williamson's theorem to real symmetric matrices

Speaker

Hemant Mishra

3:40 PM