

Session Program

May 18 - 22, 2026



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

Advances and Challenges in Eigensolvers

Virginia Tech
Blacksburg, VA 24061

Mon, May 18

3:45 PM

Advances and Challenges in Eigensolvers: C

Session | Location: Virginia Tech, Torgersen Hall 1040

3:45 - 4:10 PM **The accuracy of the QZ algorithm and some tricks to improve it**

Speaker

Dr Thijs Steel

4:10 - 4:35 PM **From eigenvector nonlinearities to eigenvalue nonlinearities**

Speaker

Vilhelm P. Lithell

4:35 - 5:00 PM **Fast Algorithms for Optimal Damping in Mechanical Systems**

Speaker

Francoise Tisseur

5:00 - 5:25 PM

From SCF to LOBPCG: Accelerated Solvers for Nonlinear Eigenvector Problems

Speaker

Agnieszka Miedlar

5:25 PM

Tue, May 19

3:45 PM

Advances and Challenges in Eigensolvers: F

Session | Location: Virginia Tech, Torgersen Hall 1040

3:45 - 4:10 PM

The Restarted Block Two-Level Orthogonal Arnoldi Algorithm

Speaker

Michael Jones

4:10 - 4:35 PM

Integration of the GPLHR Method Within LS-DYNA

Speaker

Daniel Bielich

4:35 - 5:00 PM

Inexact subspace projection methods for tensor eigenvalue problems

Speaker

Alec Dektor

5:00 - 5:25 PM

Adaptive filtered subspace iteration for self adjoint eigenvalue problems on moving domains

Speaker

Luka Grubisic

5:25 PM