

Session Program

May 18 - 22, 2026



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

Matrix Geometries

Virginia Tech
Blacksburg, VA 24061

Wed, May 20

10:45 AM

Matrix Geometries: G

Session | Location: Virginia Tech, Goodwin Hall 135

10:45 - 11:10 AM

Special orthogonal, special unitary, and symplectic groups as products of Grassmannians

Speaker

Xiang Lu

11:10 - 11:35 AM

Differential-Geometric View of the Schur--Horn Theorem and Related Convexity Phenomena

Speaker

Tin-Yau Tam

11:35 AM - 12:00 PM

Stochastic approximations with operator means

Speaker

Pálfia Miklós

12:00 PM

Thu, May 21

11:00 AM

Matrix Geometries: H

Session | Location: Virginia Tech, Goodwin Hall 135

11:00 - 11:25 AM **Locally Diffeomorphic Logarithm of Special Orthogonal Matrices**

Speaker

Zhifeng Deng

Location

Virginia Tech, Goodwin Hall 135

11:25 - 11:50 AM **Stiefel Optimization is NP-hard**

Speaker

Dr Tianyun Tang

Location

Goodwin Hall 135

11:50 AM - 12:15 PM **On the Identifiability of Transformer Self-Attention**

Speaker

Nathan Henry

Location

Virginia Tech, Goodwin Hall 135

12:15 PM