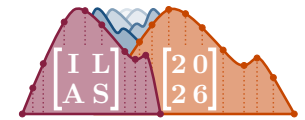


ILAS 2026 · Schedule at a Glance · MONDAY



7:30am	Registration and Information Desk (lobby outside McBryde 100), open until 2pm.												
8:15am	Welcoming Remarks (McBryde 100)												
8:30am	Plenary (McBryde 100): Julianne Chung (A New Age of Iterative Krylov Methods for Inverse Problems: What to do with Expensive Inner-Product Computations?), <i>SIAG/LA 2026 Lecture</i>												
9:25am	Plenary (McBryde 100): Hugo Woerdeman (Optimal Interpolation in Hardy, Bergman and ℓ_A^p Spaces: A Reproducing Kernel Banach Space Approach)												
10:15am	COFFEE in Torgersen atrium						COFFEE in Goodwin atrium						
	MS.01A McBryde 113	MS.21A McBryde 129	MS.05A Torg 1030	MS.23A Torg 1040	MS.31A Torg 1060	MS.27A Torg 2150	MS.24A Torg 3100	MS.33A Goodwin 115	MS.17A Goodwin 125	MS.22A Goodwin 135	MS.34A Goodwin 145	MS.09A Goodwin 155	
11:00am	DePavia	Saparamadu	Noferini	Szyl	Gorodetsky	Buena Cachadina	Simunec	Epperly	Lindzey	Jaramillo Velez	Tataris	Patton	
11:25am	Roy	Jackson	Mehrmann	Pasha	Vervliet	Trigueros	Krieger	Wu	Bertuzzo	Serrano Perez	Zimmerling	Menzelthe	
11:50am	Xiang	Williams	Mataigne	Cazeaux	Phipps	Wawro	B Gao	Mohammad- isiahroudi	Tait	A Park	Cherkaev	Poon	
12:15pm	LUNCH BREAK (on your own)												
	MS.01B McBryde 113	MS.21B McBryde 129	CT.B2 Torg 1020	MS.05B Torg 1030	MS.23B Torg 1040	MS.31B Torg 1060	MS.24B Torg 3100	MS.33B Goodwin 115	MS.17B Goodwin 125	MS.22B Goodwin 135	MS.06B Goodwin 145	CT.B1 Goodwin 155	
2:00pm	Hazelden	Henson	Pan	Mitchell	J Chen	Mangott	R Khan	Byrne	Duffy	Louwsma	Miller	So	
2:25pm	Ni	Michael	Pan	Dopico	Vandebriel	Z Zhang	X Chen	LaRose	Shuxing Li	Alfaro	Nobori	Talukdar	
2:50pm	Oktay	Sunil		Prajapati	Calvetti	Sachsenmaier	Terao	Mor Yosef	Haymaker	Villagran Olivas	F Zhang	Seo	
3:15pm	COFFEE in Torgersen atrium						COFFEE in Goodwin atrium						
	MS.01C McBryde 113	MS.03C McBryde 129	MS.11C Torg 1020	MS.13C Torg 1030	MS.26C Torg 1040	MS.29C Torg 1060	MS.27C Torg 2150	MS.02C Torg 3100	CT.C Goodwin 115	MS.07C Goodwin 125	MS.38C Goodwin 135	MS.06C Goodwin 145	MS.39C Goodwin 155
3:45pm	Lund	Thomas	Vijaywargiya	Kuian	Steel	Saha	Plaut	Ipsen	Nyman	Hogben	Wei Gao	Peca-Medlin	Akter
4:10pm	Mikaitis	Yunhui He	Koike	Okunola	Lithell	Sicilia	Stuart	Musco	Monette	Rooney	Stopar	Aliabadi	Wick
4:35pm	X Lu	T Werner	Manucci	Y Chen	Tisseur	Kokol Bukovšek	Boussé	Urschel	Hannukainen	Allem	Hart	Orel	Kannan
5:00pm	Budzinskiy	Vasilyeva	Peters	Sabate Landman	Miedlar	Verzella → Bucci	Güttel	Zachlin	Oblak	Parenteau	Jain	Upadhyay	
6:00pm	WELCOME RECEPTION (Latham Ballroom, Inn at Virginia Tech, 6–8pm) · free for all conference registrants												

KEY TO MINISYMPOSIA

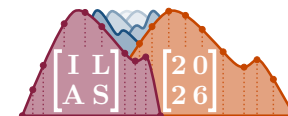
CT	Contributed Talks
MS.01	Numerical Linear Algebra in Machine Learning
MS.02	New Directions and Challenges in Linear Algebra
MS.03	Advanced Acceleration and Convergence Techniques for Solving Linear and Nonlinear Systems
MS.05	Matrix Nearness Problems
MS.06	Matrix Inequalities, Matrix Equations, and Their Applications
MS.07	Spectral Graph Theory
MS.09	Numerical Ranges and Numerical Radii
MS.11	Numerical Linear Algebra Tools for Model Order Reduction
MS.13	Computational Advances in Discrete Inverse Problems
MS.17	Where Algebraic Coding Theory and Graph Theory Meet
MS.21	Krylov Iterative Methods for Linear Equations
MS.22	Algebraic Invariants of Graphs
MS.23	Low-Complexity Data-Driven or Classical Algorithms and Applications
MS.24	Approximate Computing in Numerical Linear Algebra
MS.26	Advances and Challenges in Eigensolvers
MS.27	Linear Algebra Education
MS.29	Low-Rank Matrix and Tensor Decompositions: Theory, Algorithms and Applications

NOTES FOR THE DAY

- The registration desk will be open in the lobby of McBryde 100 from 7:30am–2pm. You can also register before the Welcome Reception (5:30–6pm outside the Latham Ballroom, Inn at Virginia Tech).
- Coffee breaks will be served in two locations: the atrium of Torgersen Hall (ground floor) and the atrium of Goodwin Hall.
- All registered attendees are encouraged to attend the **Welcome Reception** held from 6–8pm in Latham Ballroom at the Inn at Virginia Tech (intersection of West Campus Drive and Prices Fork Road). Heavy hors d'oeuvre will be served. Your registration package includes a ticket for a free drink.
- Changes from the printed schedules are in **bold blue**; cancellations are **struck-out**.

MS.31	Sparse Tensor Computations: Algorithms and Applications
MS.33	Quantum Numerical Linear Algebra
MS.34	Model- and Data-Driven Reduced-Order Models and Their Applications in Inverse Problems
MS.38	Combinatorial Matrix Theory
MS.39	Application-Driven Family of Matrix Computations: Factorization, Inverse, Linear Solve

ILAS 2026 · Schedule at a Glance · TUESDAY



8:20am	Announcements (McBryde 100). <i>Registration and Information desk open in McBryde 100 lobby from 8am–2pm.</i>													
8:30am	Plenary (McBryde 100): Arvind Krishna Saibaba (Stochastic Trace Estimation for Parameter-Dependent Matrices)													
9:25am	Plenary (McBryde 100): Jephian C.-H. Lin (Inverse Problems on a Graph: Strong Matrices and Graph Minors), <i>LAMA Lecture</i>													
10:15am	COFFEE in Torgersen atrium								COFFEE in Goodwin atrium					
11:00am	CT.D1 McBryde 113 Turchet	MS.03D McBryde 129 Greif	MS.11D Torg 1020 Mlinarić	MS.05D Torg 1030 Sharma	MS.23D Torg 1040 Xianqi Li	MS.31D Torg 1060 Hayes	MS.27D Torg 2150 F Zhang	MS.24D Torg 3100 Y Ma	MS.33D Goodwin 115 Antonioli	MS.17D Goodwin 125 D'Oliveira	MS.22D Goodwin 135 Lorenzen	CT.D2 Goodwin 145 Yadav	MS.08D Goodwin 155 Abiad	
11:25am	Bonta	Xingjie Li	Padhi	Mengi	Jayawardane	Verma	Andrews-Larson	J Zhang	Van Beeumen	Morris	Trevisan	Siviero Sibemberg	Fallat	
11:50am	Tabares	Mang	Bender	Guglielmi	Perovic		Harel	Mikaitis	Della Chiara	Manganiello	Sherwood			
12:15pm	LUNCH BREAK (on your own)													
2:00pm	MS.12E McBryde 113 Horning	MS.36E McBryde 129 Morgan	MS.15E Torg 1020 Drmac	MS.13E Torg 1030 Espanol	MS.25E Torg 1040 Shao	MS.29E Torg 1060 Vermeylen	MS.32E Torg 3100 Druskin	MS.19E Goodwin 115 Plávala	MS.17E Goodwin 125 Smaldore	CT.E Goodwin 135 Semrl	MS.06E Goodwin 145 X Zhan	MS.08E Goodwin 155 Vander Meulen		
2:25pm	Camper	Toni	Tilki	Pritchard	Balicki	Thorsteinsson	Nosirov	Kleinmann	Paredes	Mozaffarikhah	Guillot	J C-H Lin		
2:50pm	B Chen	Matti	de Castro	Nagy	Meerbergen	Bucci	Bhattacharjee	Arai		Bhakta	Vishwakarma	Hall		
3:15pm	COFFEE in Torgersen atrium								COFFEE in Goodwin atrium					
3:45pm	MS.12F McBryde 113 Stepaniants	MS.03F McBryde 129 Buser	MS.11F Torg 1020 Ballew	MS.10F Torg 1030 H Li	MS.26F Torg 1040 Jones	MS.35F Torg 1060 Hussain	MS.27F Torg 2150 Oktaç	MS.02F Torg 3100 Dumitriu	MS.19F Goodwin 115 Takakura	MS.07F Goodwin 125 Byrne	MS.38F Goodwin 135 Guterman	MS.06F Goodwin 145 M Deng	CT.F Goodwin 155 Lindy	
4:10pm	Gallmeier	Z Zheng	Smith	Bresch	Bielich	F Tian	Ahsani	Schneider	Sikora	Balla	Dinkelman	J Tian	Mackey	
4:35pm	Persson	Yunhui He	Foiescu	Subrahmanya	Dektor	Rao	Mauntel	Halikias	Koßmann	Juliano	Shader	F Liu	Lorentzon	
5:00pm	Gugercin	Tuminaro	Ameh	Keating	Grubisic	Kileel	M Park	Wilber	Zeiss	Assumpção e Silva	Dahl	Cooper		
5:30pm	MENTORING PANEL (McBryde 100) featuring Calvetti, Fallet, Fassbender, Kilmer, Ma, Tisseur, and Van Beeumen, hosted by Mirjeta Pasha. Students and early career participants are especially encouraged to attend!													
6:30pm	DINNER (on your own)													

KEY TO MINISYMPOSIA

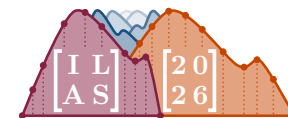
CT	Contributed Talks
MS.02	New Directions and Challenges in Linear Algebra
MS.03	Advanced Acceleration and Convergence Techniques for Solving Linear and Nonlinear Systems
MS.05	Matrix Nearness Problems
MS.06	Matrix Inequalities, Matrix Equations, and Their Applications
MS.07	Spectral Graph Theory
MS.08	The Inverse Eigenvalue Problem of a Graph and Zero Forcing
MS.10	Inverse Problems and Uncertainty Quantification through the Lens of Numerical Linear Algebra
MS.11	Numerical Linear Algebra Tools for Model Order Reduction
MS.12	Theoretical Advances in Operator Learning
MS.13	Computational Advances in Discrete Inverse Problems
MS.15	Linear Algebra Foundations for Data-Driven Modeling and Model Order Reduction
MS.17	Where Algebraic Coding Theory and Graph Theory Meet
MS.19	Convex Structures in Quantum Information and Gravity
MS.22	Algebraic Invariants of Graphs
MS.23	Low-Complexity Data-Driven or Classical Algorithms and Applications
MS.24	Approximate Computing in Numerical Linear Algebra

NOTES FOR THE DAY

- Coffee breaks will be served in two locations: the atrium of Torgersen Hall (ground floor) and the atrium of Goodwin Hall.
- The **Mentoring Panel** (5:30–6:30pm in McBryde 100) is designed to provide career advice for students and early-career participants in the conference. Those receiving travel funding from ILAS or NSF are especially encouraged to participate.

MS.25	Rational Approximation and Interpolation: Practical Applications, Challenges and Solutions
MS.26	Advances and Challenges in Eigensolvers
MS.27	Linear Algebra Education
MS.29	Low-Rank Matrix and Tensor Decompositions: Theory, Algorithms and Applications
MS.31	Sparse Tensor Computations: Algorithms and Applications
MS.32	Advances in Randomized Algorithms and Kernel Methods for Rank-Structured Matrices
MS.33	Quantum Numerical Linear Algebra
MS.35	Recent Advances in Tensor Decompositions for Model and Data Reduction
MS.36	Polynomials, Krylov Methods and Applications
MS.38	Combinatorial Matrix Theory

ILAS 2026 · Schedule at a Glance · WEDNESDAY



8:20am	Announcements (McBryde 100). <i>Registration and Information desk open in McBryde 100 lobby from 8am–10:45am.</i>													
8:30am	Plenary (McBryde 100): Haim Avron (Quantum Numerical Linear Algebra Doesn't Have to be Hard: A Matrix Algebra Oriented Approach), <i>SIAG/LA 2025 Lecture</i>													
9:25am	Plenary (McBryde 100): Aida Abiad (The Eigenvalue Method in Coding Theory)													
10:15am	COFFEE in Torgersen atrium								COFFEE in Goodwin atrium					
	MS.16G McBryde 113	MS.36G McBryde 129	MS.15G Torg 1020	MS.10G Torg 1030	MS.25G Torg 1040	MS.35G Torg 1060	MS.27G Torg 2150	MS.32G Torg 3100	MS.20G Goodwin 115	MS.14G Goodwin 125	MS.04G Goodwin 135	MS.09G Goodwin 145	MS.08G Goodwin 155	
10:45am	Y Liu	Abi Younes	G Wang	N Zheng	Ackermann	Archibald	Caglayan	Gilles	Moro	Carrier	Tang	Friedland	Reinhart	
11:10am	Armstrong	Rinelli	Nueske	Onisk	Antoulas	Rebholz	Davis & Zachlin	Lepilov	Šmigoc	Kuchta	Tam	Lohan	Jacob	
11:35am	A Khan	Vermeiren	Bindel	Espanol	Reiter	Alger	Stewart	S Liu	Pisonero	El Mechri	Miklós	Dela Rosa	Flagg	
12:00pm	LUNCH BREAK (on your own / boxed lunches for excursion participants)													
1:00pm	EXCURSIONS (Angel's Rest · Cascades · Mountain Lake) · <i>pre-registration required</i>													
7:00pm	CONFERENCE DINNER (Eastern Divide) · <i>pre-registration required</i>													

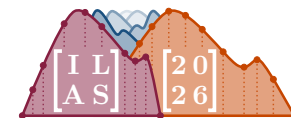
KEY TO MINISYMPOSIA

MS.04	Matrix Geometries
MS.08	The Inverse Eigenvalue Problem of a Graph and Zero Forcing
MS.09	Numerical Ranges and Numerical Radii
MS.10	Inverse Problems and Uncertainty Quantification through the Lens of Numerical Linear Algebra
MS.14	Code-based Cryptography
MS.15	Linear Algebra Foundations for Data-Driven Modeling and Model Order Reduction
MS.16	Hierarchical Low-Rank Approximations: Algorithms and Applications
MS.20	Eigenvalues of Nonnegative and Stochastic Matrices
MS.25	Rational Approximation and Interpolation: Practical Applications, Challenges and Solutions
MS.27	Linear Algebra Education
MS.32	Advances in Randomized Algorithms and Kernel Methods for Rank-Structured Matrices
MS.35	Recent Advances in Tensor Decompositions for Model and Data Reduction
MS.36	Polynomials, Krylov Methods and Applications

NOTES FOR THE DAY

- Coffee breaks will be served in two locations: the atrium of Torgersen Hall (ground floor) and the atrium of Goodwin Hall. *Note the abbreviated 30 minute coffee break this morning.*
 - Excursion participants can pick up their boxed lunches in the Goodwin Hall atrium, starting at 12:00 noon.
 - Excursion buses will load outside Goodwin Hall:
 - The Angel's Rest bus will depart at 12:30pm;
 - The two Cascades buses will leave at 12:45pm;
 - The Mountain Lake bus will leave at 12:45pm.
- Be prepared to depart for the excursions directly from the conference. Wear a hat and sturdy shoes. Sunscreen and water will be provided.
- Those not attending an excursion might enjoy a walk around Blacksburg; options include the Huckleberry Trail, Heritage Park, Pandapas Pond, and Historic Smithfield (small museum open Wednesday 10am–3pm). A Farmer's Market runs from 2pm–6pm on Wednesdays at the corner of Draper Road and Roanoke Street, just off campus. The classrooms in which the minisymposia are held will remain open for collaboration.
 - For those who purchased a ticket for the Conference Dinner: buses will be cycling between the Hyatt Place/Residence Inn, the Inn at Virginia Tech, and Eastern Divide, starting around 6:00pm. A buffet will be served, and attendees will receive tickets for two free drinks. Return trips will run from around 8:30pm to 11pm.

ILAS 2026 · Schedule at a Glance · THURSDAY



8:20am	Announcements (McBryde 100). <i>Registration and Information desk open in McBryde 100 lobby from 8am–11am.</i>													
8:30am	Plenary (McBryde 100): Sirani M. Perera (When Structured Matrices Pay Off: Linear Algebra at the Heart of Wireless Communication), <i>ILAS Olga Taussky and John Todd Prize Lecture</i>													
9:25am	Plenary (McBryde 100): Chi-Kwong Li (Numerical Ranges and Dilations: Theoretical Advances and Applied Perspectives), <i>Hans Schneider Prize Lecture</i>													
10:15am	CONFERENCE PHOTO (McBryde 100)													
10:20am	COFFEE in Torgersen atrium							COFFEE in Goodwin atrium						
11:00am	MS.16H McBryde 113	MS.36H McBryde 129	MS.15H Torg 1020	MS.10H Torg 1030	MS.25H Torg 1040	MS.37H Torg 1060	CT.H Torg 3100	MS.20H Goodwin 115	MS.14H Goodwin 125	MS.04H Goodwin 135	MS.09H Goodwin 145	MS.08H Goodwin 155		
11:00am	Cao	Baleani	Voigt	Drum	Marohnić	XX Wang	Lazzarino	Bouthat	San-José	Z Deng	Lemos	Cheung		
11:25am	Wang	Simpson	Diaz	Roininen	Van Pottelberghe	R Tang	Olić	Vagenende	Downs	Lu	Randell	H Gupta		
11:50am		Webber	Benner	Reyes-Velazquez	Narayan	McCormack		Verbeken	Wendi Gao	Henry	Hirota	Catral		
12:15pm	LUNCH BREAK (on your own)													
2:00pm	MS.12I McBryde 113	CT.1I McBryde 129	MS.15I Torg 1020	MS.10I Torg 1030	MS.28I Torg 1040	MS.37I Torg 1060	Torg 2150 ILAS Education Workshop on Bridging Abstract and Numerical Linear Algebra	MS.18I Torg 3100	CT.12 Goodwin 115	MS.07I Goodwin 125	MS.38I Goodwin 135	MS.34I Goodwin 145	MS.08I Goodwin 155	
2:00pm	Bacho	Overton	Reyes	Somersalo	Fassbender	Mei	Chi	Pearce	Tuller	Burnham	Mallik	Mamonov	van der Holst	
2:25pm	Osorio Ramirez	Watkins	Herkert	L Liu	Salam	A Ma			J Liu	Byrne	Andrade	Guevara Vasquez	Hunnell	
2:50pm	Goldshlager		Shah	Arnold	Datu	Tokcan		Pierce	Antonioli	V Gupta	Khanna	Zaslavskiy	Kempton	
3:15pm	Beattie		Kramer	de Sturler	Mishra			Di		Martin			Seyfried	
3:45pm	COFFEE in Torgersen atrium							COFFEE in Goodwin atrium						
4:15pm	ILAS Business Meeting (McBryde 100)													
6:00pm	DINNER (on your own)													

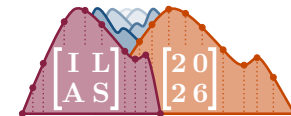
KEY TO MINISYMPOSIA

CT	Contributed Talks
MS.04	Matrix Geometries
MS.07	Spectral Graph Theory
MS.08	The Inverse Eigenvalue Problem of a Graph and Zero Forcing
MS.09	Numerical Ranges and Numerical Radii
MS.10	Inverse Problems and Uncertainty Quantification through the Lens of Numerical Linear Algebra
MS.12	Theoretical Advances in Operator Learning
MS.14	Code-based Cryptography
MS.15	Linear Algebra Foundations for Data-Driven Modeling and Model Order Reduction
MS.16	Hierarchical Low-Rank Approximations: Algorithms and Applications
MS.18	Topics in Randomized Numerical Linear Algebra
MS.20	Eigenvalues of Nonnegative and Stochastic Matrices
MS.25	Rational Approximation and Interpolation: Practical Applications, Challenges and Solutions
MS.28	Symplectic Linear Algebra and Applications
MS.34	Model- and Data-Driven Reduced-order Models and Their Applications in Inverse Problems
MS.36	Polynomials, Krylov Methods and Applications
MS.37	New Advancements in Tensor Decomposition and Computation
MS.38	Combinatorial Matrix Theory

NOTES FOR THE DAY

- Coffee breaks will be served in two locations: the atrium of Torgersen Hall (ground floor) and the atrium of Goodwin Hall.
- The **ILAS Education Workshop** is hosted by Sepideh Stewart (Oklahoma), Mike Michailidis (MathWorks), and Rachel Quinlan (Galway). Topics include: (a) how to introduce numerical linear algebra to students; (b) the role of AI in teaching and learning linear algebra; (c) the role of technology in teaching linear algebra; (d) collaboration, creating, and sharing resources. All are welcome: Torgersen 2150, 2–3:45pm.
- All are encouraged to participate in the **ILAS Business Meeting** (4:15–6pm in McBryde 100), regardless of ILAS membership status. This meeting is a great way to learn more about ILAS and its activities.

ILAS 2026 · Schedule at a Glance · FRIDAY



	MS.16J McBryde 113	MS.36J McBryde 129	MS.15J Torg 1020	MS.10J Torg 1030	CT.J Torg 1040	MS.37J Torg 1060	MS.18J Torg 3100	MS.30J Goodwin 115	MS.14J Goodwin 125
8:45am	C Chen	Camaño	Van Dooren	Lindbloom	Đimoti	Navasca	Coleman	Adhikari	Slaughter
9:10am	Wall	Hsu	Gosea	Arenas Mata	Malyshev	Borggaard	Scott	H Zhan	López
9:35am	Yamazaki	Meyer	SWR Werner	Kilmer	Bian	Konstorum	H Wang		Mahaney
10:00am	COFFEE in Torgersen atrium						COFFEE in Goodwin atrium		
10:45am	Plenary (McBryde 100): Sherry Li (Geometric and Algebraic Methods for Constructing Hierarchically Low-Rank Matrices)								
11:40am	Plenary (McBryde 100): John Urschel (Nodal Statistics for Graphs and Matrices), <i>ILAS Richard A. Brualdi Early Career Prize Lecture</i>								
12:30pm	Closing Remarks								

KEY TO MINISYMPOSIA

CT	Contributed Talks
MS.10	Inverse Problems and Uncertainty Quantification through the Lens of Numerical Linear Algebra
MS.14	Code-Based Cryptography
MS.15	Linear Algebra Foundations for Data-Driven Modeling and Model Order Reduction
MS.16	Hierarchical Low-Rank Approximations: Algorithms and Applications
MS.18	Topics in Randomized Numerical Linear Algebra
MS.30	Spectral Interlacing, Graph Learning, and Quantum Perspectives on Signed Graphs
MS.36	Polynomials, Krylov Methods and Applications
MS.37	New Advancements in Tensor Decomposition and Computation

NOTES FOR THE DAY

- Coffee breaks will be served in two locations: the atrium of Torgersen Hall (ground floor) and the atrium of Goodwin Hall.
- The Smart Way Bus to Roanoke Airport departs from outside Goodwin Hall ("Maroon Loop #1") on Friday (6:20am, 7:45am, 8:45am, 9:15am, 11:15am, 12:45pm, 2:15pm, 3:45pm, 5:20pm, 6:45pm, and 8:20pm) and Saturday (6:40am, 9:20am, 12:50pm, 5:20pm, and 8:20pm). The bus is scheduled to arrive at the airport 1:05 after departing from Maroon Loop #1. The bus costs \$4 cash only, exact change only. (The driver will accept larger bills but will not return change.) An Uber from Blacksburg to Roanoke Airport typically costs around \$60–\$75.