Relative Langlands Program Minicourse

(5–9 Jan 2026)

Organizing Committee

Huanchen Bao
National University of Singapore

David Hansen
National University of Singapore

Chen Wan
Rutgers University

Lei Zhang
National University of Singapore

Venue

IMS Executive Seminar Room
Bock S17, Level 3
10 Lower Kent Ridge Rd Singapore 119076

For more information: https://ims.nus.edu.sg/events/relative-langlands-program

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Monday, 5 January 2026		
Time	**Title**	**Speaker**
0900–0920	Registration	
0920–0930	Opening Welcome	Wee Teck Gan *National University of Singapore*
0930–1030	*Minicourse* Relative Trace Formulas, Endoscopy, and Duality Lecture 1	Spencer Leslie *Boston College*
1030–1100	Coffee Break	
1100–1200	*Minicourse* Relative Duality for Symmetric Spaces Lecture 1 Real-symmetric Correspondence for Loop Spaces	David Nadler *University of California, Berkeley*
1200–1330	Lunch Break	
1330–1430	*Minicourse* Quantum Groups and Relative Langlands (Part 1)	Valentin Buciumas *Pohang University of Science & Technology*
1430–1500	Coffee Break	
1500–1530	Automorphic periods and sum of L-values	Weixiao Lu *Massachusetts Institute of Technology*
1530–1540	Short Break	
1540–1610	Twisted Osborne Conjecture and n-homology of Unipotent Arthur Packets	Chang Huang *Tsinghua University*
1610–1620	Short Break	
1620–1650	Fargues's Categorical Conjecture for Elliptic Parameters for SL(n)	Kenta Suzuki *Princeton University*

Tuesday, 6 January 2026		
Time	**Title**	**Speaker**
0845–0900	Registration	
0900–1000	*Minicourse* Relative Trace Formulas, Endoscopy, and Duality Lecture 2	Spencer Leslie *Boston College*
1000–1030	Coffee Break	

Tuesday, 6 January 2026		
Time	**Title**	**Speaker**
1030–1200	*Minicourse* Quantum Groups and Relative Langlands (Part 2)	Valentin Buciumas *Pohang University of Science & Technology*
1200–1330	Lunch Break	
1330–1430	*Minicourse* Relative Duality for Symmetric Spaces Lecture 2 Introduction to Relative Satake Categories	David Nadler *University of California, Berkeley*
1430–1500	Coffee Break	
1500–1530	Computing Microstalks in the Betti Automorphic Category	Swapnil Garg *University of California, Berkeley*
1530–1540	Short Break	
1540–1610	Hausdorffness of Certain Nilpotent Cohomology Spaces	Hao Ying *Zhejiang University*
1610–1620	Short Break	
1620–1650	Beyond Endoscopy via the Trace Formula	Yuhao Cheng *Tsinghua University*

Wednesday, 7 January 2026		
Time	**Title**	**Speaker**
0845–0900	Registration	
0900–1000	*Minicourse* Coulomb Branches in Geometry and Representation Theory (Part 1)	Harold Williams *University of Southern California*
1000–1030	Coffee Break	
1030–1130	*Minicourse* Relative Duality for Symmetric Spaces Lecture 3 Examples of Relative Satake Equivalences	David Nadler *University of California, Berkeley*
1130–1150	Short Break	
1150–1220	The Local Twisted Gan-Gross-Prasad Conjecture	Le Nhat Hoang *National University of Singapore*
1220–1330	Lunch Break	
1330–1650	Free Discussion	

Thursday, 8 January 2026		
Time	**Title**	**Speaker**
0845–0900	Registration	

Thursday, 8 January 2026		
Time	**Title**	**Speaker**
0900–1000	*Minicourse* Coulomb Branches in Geometry and Representation Theory (Part 2)	Harold Williams *University of Southern California*
1000–1030	Coffee Break	
1030–1130	*Minicourse* Relative Trace Formulas, Endoscopy, and Duality Lecture 3	Spencer Leslie *Boston College*
1130–1330	Lunch Break	
1330–1430	*Minicourse* Quantum Groups and Relative Langlands (Part 3)	Valentin Buciumas *Pohang University of Science & Technology*
1430–1500	Coffee Break	
1500–1530	Geometric Realizations of Local Arthur Packets	Mishty Ray *The University of British Columbia*
1530–1540	Short Break	
1540–1610	Volume of Shtukas and Derivatives of the Zeta Function	Zeyu Wang *Massachusetts Institute of Technology*
1610–1620	Short Break	
1620–1650	Classification of Hyperspherical Data and their Duals	Guodong Tang *National University of Singapore*

Friday, 9 January 2026		
Time	**Title**	**Speaker**
0845–0900	Registration	
0900–1000	*Minicourse* Coulomb Branches in Geometry and Representation Theory (Part 3)	Harold Williams *University of Southern California*
1000–1030	Group Photo & Coffee Break	
1030–1100	Relative Kazhdan-Lusztig Isomorphism for the pair GL_{2n}, Sp_{2n}	Guy Shtotland *Ben-Gurion University*
1100–1110	Short Break	
1110–1140	On the Waldspurger's Identity	Cheng Chen *CNRS*

Friday, 9 January 2026		
Time	**Title**	**Speaker**
1140–1150	Short Break	
1150–1220	Beilinson-Bloch-Kato Conjecture for Polarized Motives	Peng Hao *Massachusetts Institute of Technology*
1220–1420	Lunch Break	
1425	Group Photo	
1430–1530	**Oppeinheim Lecture** From Markoff to Oppenheim and Beyond Venue: LT34	Peter Sarnak *Princeton University*

This schedule is accurate as of 07 Jan 2026.