

Relative Langlands Program Minicourse (5–9 Jan 2026)



Organizing Committee

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

Tuesday, 6 January 2026

Time	Title	Speaker
0845–0900	Registration	
0900–1000	<i>Minicourse</i> Relative Trace Formulas, Endoscopy, and Duality Lecture 2	Spencer Leslie <i>Boston College</i>
1000–1030	Coffee Break	

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

Wednesday, 7 January 2026		
Time	Title	Speaker
0845–0900	Registration	
0900–1000	<i>Minicourse</i> Coulomb Branches in Geometry and Representation Theory (Part 1)	Harold Williams <i>University of Southern California</i>
1000–1030	Coffee Break	
1030–1130	<i>Minicourse</i> Relative Duality for Symmetric Spaces Lecture 3 Examples of Relative Satake Equivalences	David Nadler <i>University of California, Berkeley</i>
1130–1150	Short Break	
1150–1220	The Local Twisted Gan-Gross-Prasad Conjecture	Le Nhat Hoang <i>National University of Singapore</i>
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	<i>Minicourse</i> Coulomb Branches in Geometry and Representation Theory (Part 2)	Harold Williams <i>University of Southern California</i>
1000–1030	Coffee Break	
1030–1130	<i>Minicourse</i> Relative Trace Formulas, Endoscopy, and Duality Lecture 3	Spencer Leslie <i>Boston College</i>
1130–1330	Lunch Break	
1330–1430	<i>Minicourse</i> Quantum Groups and Relative Langlands (Part 3)	Valentin Buciumas <i>Pohang University of Science & Technology</i>
1430–1500	Coffee Break	
1500–1530	Geometric Realizations of Local Arthur Packets	Mishty Ray <i>The University of British Columbia</i>
1530–1540	Short Break	
1540–1610	Volume of Shtukas and Derivatives of the Zeta Function	Zeyu Wang <i>Massachusetts Institute of Technology</i>
1610–1620	Short Break	
1620–1650	Classification of Hyperspherical Data and their Duals	Guodong Tang <i>National University of Singapore</i>
Friday, 9 January 2026		
Time	Title	Speaker
0845–0900	Registration	
0900–1000	<i>Minicourse</i> Coulomb Branches in Geometry and Representation Theory (Part 3)	Harold Williams <i>University of Southern California</i>
1000–1030	Group Photo & Coffee Break	
1030–1100	Relative Kazhdan-Lusztig Isomorphism for the pair GL_{2n}, Sp_{2n}	Guy Shtotland <i>Ben-Gurion University</i>
1100–1110	Short Break	
1110–1140	On the Waldspurger's Identity	Cheng Chen <i>CNRS</i>

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

This schedule is accurate as of 02 Oct 2026.