

# Singapore-Hong Kong Glorious Sun Symposium on Representation Theory (28 Jul 2025–01 Aug 2025)

## Organizing Committee

Chengbo Zhu  
Wee Teck Gan

*National University of Singapore*

Xuhua He  
*The University of Hong Kong*

Conan Leung  
*The Chinese University of Hong Kong*

Ivan Ip  
*The Hongkong University of Science and Technology*



## Venue

Executive Seminar Room  
Institute for Mathematical Sciences  
Block S17 Level 3,  
10 Lower Kent Ridge Road  
Singapore 119706



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GS Charity Foundation.

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For more information:  
[https://ims.nus.edu.sg/events/gs\\_symposium2025/](https://ims.nus.edu.sg/events/gs_symposium2025/)

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(28 Jul 2025–01 Aug 2025)

Monday, 28 July 2025		
Time	Title	Speaker
1400–1430	Registration	
1430–1530	Ext-groups of Representations of p-adic Reductive Groups	Kei Yuen Chan <i>University of Hong Kong, Hong Kong SAR</i>
1530–1630	Extensions of Harish-Chandra Modules and A-packets	Arvind Nair <i>Tata Institute of Fundamental Research, India</i>
Tuesday, 29 July 2025		
Time	Title	Speaker
0915–0930	Registration	
0930–1030	Desiderata and Uniqueness of Local Langlands Correspondence	Chi-Heng Lo <i>Purdue University, USA</i>
1030–1130	A Suggestion of a Dimension Equation	Dmitry Gourevitch <i>Weizmann Institute of Science, Israel</i>
1130–1430	Lunch break	
1430–1530	Character Theory at Torsion Elements of Compact Connected Lie Groups	Dipendra Prasad <i>Indian Institute of Technology, Mumbai, India</i>
1530–1630	Real Groups and Hodge Theory	Kari Vilonen <i>The University of Melbourne, Australia</i>
Wednesday, 30 July 2025		
Time	Title	Speaker
0915–0930	Registration	
0930–1030	Braid Group Symmetries on Poisson Algebras Arising from Quantum Symmetric Pairs	Jinfeng Song <i>National University of Singapore, Singapore</i>
1030–1130	Gluing Cluster Structures	Gus Schrader <i>Northwestern University, USA</i>

Thursday, 31 July 2025		
Time	Title	Speaker
0915–0930	Registration	
0930–1030	Convex Elements and Cohomology of Deep Level Deligne-Lusztig Varieties	Sian Nie <i>Chinese Academy of Sciences, China</i>
1030–1130		Cheng-Chiang Tsai <i>Academia Sinica, Taipei</i>
1130–1430	Lunch break	
1430–1530	On a Braided Monoidal Hall 2-category	Quoc Ho <i>Hong Kong University of Science and Technology, Hong Kong SAR</i>
1530–1630	Level-rank Dualities from d-Harish-Chandra Series	Ting Xue <i>The University of Melbourne, Australia</i>

This schedule is accurate as of 08 Jul 2025 and is subjected to changes.