

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

Organizing Committee



Wee Teck Gan
National University of Singapore

Xuhua He
The University of Hong Kong

Ivan Ip
*The Hongkong University of Science and
Technology*

Conan Leung
The Chinese University of Hong Kong

Chengbo Zhu
National University of Singapore

Venue



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

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For more information:
https://ims.nus.edu.sg/events/gs_symposium2025/

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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>National University of Singapore, Singapore</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	Maximal Compact Subgroups and Wave-front Sets	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 11 Jul 2025 and is subjected to changes.