List of Talks Attended

Thang Pang Ern

Updated as of December 11, 2025

2025

Σ 20 Nov 2025: *One Century of Metric Diophantine Approximation* by **Yang Daodao** at National University of Singapore (NUS)

Σ 12 Nov 2025: *Kakeya Sets in $\mathbb{R}^3$* by **Wang Hong** at National University of Singapore (NUS)

Σ 11 Nov 2025: *Polynomially Effective Results in Homogeneous Dynamics and the Oppenheim Conjecture* by **Amir Mohammadi** at National University of Singapore (NUS)

Σ 6 Nov 2025: *20th MME (Mathematics and Mathematics Education) Staff and Graduate Student Colloquium* at National Institute of Education (NIE)

Σ 30 Oct 2025: *Binary Search Trees* by **Benoît Corsini** at National University of Singapore (NUS)

Σ 22 Oct 2025: *Some Examples in the Langlands Program* by **Edmund Sean Karasiewicz** at National University of Singapore (NUS)

Σ 16 Oct 2025: *Introduction to Arithmetic Geometry* by **Chin Chee Whye** at National University of Singapore (NUS)

Σ 3 Oct 2025: *Modularity of Nahm Sums and Rogers–Ramanujan Type Identities* by **Wang Liuquan** at Institute of Mathematical Sciences (IMS)

Σ 3 Oct 2025: *On the Dynamical Iitaka Program* by **Meng Sheng** at Institute of Mathematical Sciences (IMS)

Σ 2-3 Oct 2025: *Joint Mathematics–Statistics PhD Homecoming* at Institute of Mathematical Sciences (IMS)

Σ 4 Sept 2025: *Diophantine Approximation and its Connection to Dynamical Systems* by **Yang Lei** at National University of Singapore (NUS)

Σ 3 Sept 2025: *Complex Dynamics and Elliptic Curves* by **Laura DeMarco** at National University of Singapore (NUS)

Σ 2 Sept 2025: *Geometry of Riemann Surfaces through the Lens of Probability* by **Wang Yilin** at National University of Singapore (NUS)

- Σ 20 Aug 2025: *Local-Global Principles for Representations of Quadratic Forms* by **Andreas Wieser** at National University of Singapore (NUS)

- Σ 13 Aug 2025: *Chebyshev/Legendre Polynomial Approximations in New Fractional Spaces* by **Liu Wenjie** at National University of Singapore (NUS)

- Σ 10 Jul 2025: *Equidistribution of expanding Degenerate Manifolds in the Space of Lattices* by **Nimish Shah** at National University of Singapore (NUS)

- Σ 25-29 Aug 2025: *Arithmetic Dynamics and Diophantine Geometry* at Institute of Mathematical Sciences (IMS)

- Σ 13 May 2025: *9th Graduate Symposium in Mathematics* at National University of Singapore (NUS)

- Σ 10 May 2025: *Singapore Mathematics Project Festival (SMPF)* at National University of Singapore (NUS)

- Σ 17 Apr 2025: *19th MME (Mathematics and Mathematics Education) Staff and Graduate Student Colloquium* at National Institute of Education (NIE)

- Σ 14 Mar 2025: *A Mathematical Approach to resolving Paradoxes and the Foundation of Mathematics* by **Ng Keng Meng** at National University of Singapore (NUS)

- Σ 12 Feb 2025: *Complex Algebraic Surfaces with Minimal Betti Numbers* by **JongHae Keum** at National University of Singapore (NUS)

- Σ 12 Jan 2025: *The Local Langlands Correspondence* by **Gan Wee Teck** at Institute of Mathematical Sciences (IMS)

- Σ 8 Jan 2025: *From Fields to Random Geometric Structures and back* by **Wendelin Werner** at Institute of Mathematical Sciences (IMS)

2024

- Σ 29 Nov 2024: *Veridical Data Science: Bridging the Gap in Education and Research* by **Bin Yu** at National University of Singapore (NUS)

- Σ 18-22 Nov 2024: — *Workshop on p-adic Geometry* at Institute of Mathematical Sciences (IMS)

- Σ 18 Nov 2024: *18th MME (Mathematics and Mathematics Education) Staff and Graduate Student Colloquium* at National Institute of Education (NIE)

- Σ 27 Sept 2024: *Finite Trigonometric Sums* by **Bruce Berndt** at Nanyang Technological University (NTU)

- Σ 26 Sept 2024: *Ramanujan: A Century of Inspiration* by **Bruce Berndt** at Nanyang Technological University (NTU)

- Σ 3-14 Jun 2024: *Computational Aspects of Thin Groups* at Institute of Mathematical Sciences (IMS)

- Σ 16 Apr 2024: *17th MME (Mathematics and Mathematics Education) Staff and Graduate Student Colloquium* at National Institute of Education (NIE)

Σ 8 Mar 2024: *The Mathematics of Machine Learning* by **Li Qianxiao** at National University of Singapore (NUS)

Σ 12 Jan 2024: *The Mathematics of Percolation* by **Hugo Duminil-Copin** at Nanyang Technological University (NTU)

2023

Σ 4 May 2023: *Who's Counting? — Uniting Numbers and Narratives* by **John Allen Paulos** at Nanyang Technological University (NTU)

Σ 23 Mar 2023: *Secrets of Mental Math: An astonishing performance of Magical Mathematics* by **Arthur Benjamin** at National University of Singapore (NUS)[1]

2022

Σ 4 Aug 2022: *Probability and Combinatorics in School Mathematics* by **Helmer Aslaksen** at National University of Singapore (NUS)

2020

Σ 17 Dec 2020: *The Arithmetical World of Remainders* by **Yap von Bing** (online)

Σ 16 Aug 2020: *Advancing Mathematics Education* by **Po-Shen Loh**, **Jo Boaler**, **Pamela Harris**, **Lorie Huff**, **Philipp Legner** (online)

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[1]Interestingly, this was held at the Ngee Ann Kongsi Auditorium at the University Town in the National University of Singapore (NUS) instead of the usual venues like S16, S17 etc.