

Sunday, 08 December 2024

16:00-17:00

Registration desk open

[OGGB Level 1 Foyer and John Hood Plaza](#)

17:00-18:00

Welcome Reception (registration desk open)

[OGGB Level 1 Foyer and John Hood Plaza](#)

Monday, 09 December 2024

8:00-9:00	Registration Open	OGGB Level 1 Foyer
9:00-10:00	Opening Ceremony and Prize Giving.	Fisher & Paykel Auditorium 260-115. Overflow room, 260-098
10:00-10:30	Morning Tea/Coffee	OGGB Levels 0&1 Foyers
10:30-11:20	Eamonn O'Brien, <i>Effective algorithms for linear groups: success and challenges</i>	Fisher & Paykel Auditorium 260-115. Overflow room, 260-098
11:30-12:20	James Saunderson, <i>Around the generalised Lax conjecture</i>	Fisher & Paykel Auditorium 260-115. Overflow room, 260-098
12:30-14:00	Lunch	
14:00-15:30	Special Sessions	
15:30-16:00	Afternoon Tea/Coffee	OGGB Levels 0&1 Foyers
16:00-17:00	Special Sessions	
17:00-18:00	NZMS AGM	OGGB5, 260-051
From 18:30	Student and Postdoc Social Event	Mr Murdochs

**Tuesday, 10 December
2024**

9:10-10:00

Priya Subramanian, [*Exploring pattern formation*](#)

[Fisher & Paykel Auditorium 260-115](#). Overflow room, [260-098](#)

10:00-10:30

Morning Tea/Coffee (poster session)

[OGGB Levels 0&1 Foyers](#)

10:30-11:20

Katharine Turner, [*A new computational paradigm for computing the persistent homology of Rips filtrations*](#)

[Fisher & Paykel Auditorium 260-115](#). Overflow room, [260-098](#)

11:30-12:30

Special Sessions

12:30-14:00

Lunch

14:00-15:30

Special Sessions

15:30-16:00

Afternoon Tea/Coffee (poster session)

[OGGB Levels 0&1 Foyers](#)

16:00-17:00

Special Session

18:00-19:00

Persi Diaconis, [*The mathematics of solitaire*](#)

[Fisher & Paykel Auditorium 260-115](#). Overflow room, [260-098](#)

Wednesday, 11 December 2024

9:10-10:00 Richard Kenyon [*This is a story of how representation theory interacts with statistical mechanics*](#) [Fisher & Paykel Auditorium 260-115](#). Overflow room, [260-098](#)

10:00-10:30 Morning Tea/Coffee [OGGB Levels 0&1 Foyers](#)

10:30-12:00 Special Sessions

Free Afternoon

**Thursday 12 December
2024**

9:10-10:00	Geordie Williamson, <i>Searching for interesting mathematical objects with neural networks</i>	Fisher & Paykel Auditorium 260-115. Overflow room, 260-098
10:00-10:30	Morning Tea/Coffee	OGGB Levels 0&1 Foyers
10:30-11:20	Michael Miller and Rachael Ka'ai-Mahuta <i>Te ara o te reo Māori: Modelling the trajectory of the Māori language</i>	Fisher & Paykel Auditorium 260-115. Overflow room, 260-098
11:30-12:30	Special Sessions	
12:30-14:00	Lunch	
14:00-15:30	Special Sessions	
15:30-16:00	Afternoon Tea/Coffee	OGGB Levels 0&1 Foyers
16:00-17:00	Panel: Training of PhD students for 2025 and beyond	Fisher & Paykel Auditorium 260-115.
16:00-17:00	Panel: Work-life balance and decision making for a fulfilling academic career	260-098
17:00-18:10	AustMS AGM	OGGB5 260-051
17:00-18:00	ANZIAM New Zealand Branch AGM	Case Room 1 260-005
18:30- late	Conference dinner	Shed 10

Friday 13 December 2024

9:10-10:00	Svitlana Mayboroda, <i><u>The hidden structure of disorder as seen by waves and minimizers</u></i>	<u>Fisher & Paykel Auditorium 260-115</u> . Overflow room, <u>260-098</u>
10:00-10:30	Morning Tea/Coffee	<u>OGGB Levels 0&1 Foyers</u>
10:30-11:20	Lara Alcock, <i><u>Reasoning about Mathematical 'If-Then' Statements</u></i>	<u>Fisher & Paykel Auditorium 260-115</u> . Overflow room, <u>260-098</u>
11:30-12:30	Special Sessions	
12:30-14:00	Lunch	
14:00-15:30	Special Sessions	
15:30-16:00	Afternoon Tea/Coffee	<u>OGGB Levels 0&1 Foyers</u>