

# Young Mathematician Program (YMP) 2025

## Event Highlights:

Join us for an exciting journey into the world of mathematics with the Young Mathematician Program (YMP) 2025! We will show and prove that maths is fun! Presentations by maths and stats academics, maths relay, workshops, hands on activities, career talks by successful maths alumni in the fields of AI, finance, insurance and derivative industries plus free pizza! Let's see where the curiosity in maths can take you in the future! Teachers are welcome to attend. YMP is designed for year 8-11 high school students. YMP 2025 conducted in person.

## Event Timing:

Six face to face sessions 4-6 pm on Tuesdays and Thursdays in Term 4

Dates: 4, 6, 11, 13, 18, 20 November 2025

## Event Address:

School of Information and Physical Sciences | College of Engineering, Science and Environment | The University of Newcastle, Callaghan

## Contact Information:

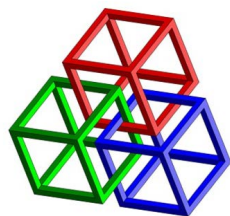
Contact person A/Prof. Elena Levchenko: 0249216121 or [Elena.Levchenko@newcastle.edu.au](mailto:Elena.Levchenko@newcastle.edu.au)

## REGISTRATION:

<https://forms.gle/28Gg1DPteLPH1qQM8>

In order to promote interaction between all of the participants, numbers will be limited so please make sure that you register by the due date: **COB 1st of August 2025**





## Young Mathematician Program (YMP) 2025 timetable

SESSION 1	4-Nov	Tue	4-5 pm	Maths relay	Hands on activity
			5- 6 pm	Maths career in derivative industry	talk by successful alumni face to face
SESSION 2	6-Nov	Thu	4-5 pm	Mystery of the Rubik's Cube [alternative: Maths in the Art of M C Escher]	Hands on activity
			5-6 pm	Maths career in AI	talk by successful alumni via zoom
SESSION 3	11-Nov	Tue	4-5 pm	Why are the formulas for the sphere so weird?	presentation + workshop
			5-6 pm	Visualisation and simulation is fun	presentation + workshop
SESSION 4	13-Nov	Thu	4-5 pm	Maths career in insurance	talk by successful alumni face to face
			5-6 pm	Mathematics of symmetry	presentation+ workshop
SESSION 5	18-Nov	Tue	4-5 pm	Maths in Materials Science	presentation + workshop
			5-6 pm	Adventures in Graph Theory	presentation +activity
SESSION 6	20-Nov	Thu	4-5 pm	Datasaurus dozen	Hands on workshop
			5-6 pm	Maths career in finance	talk by successful alumni via zoom