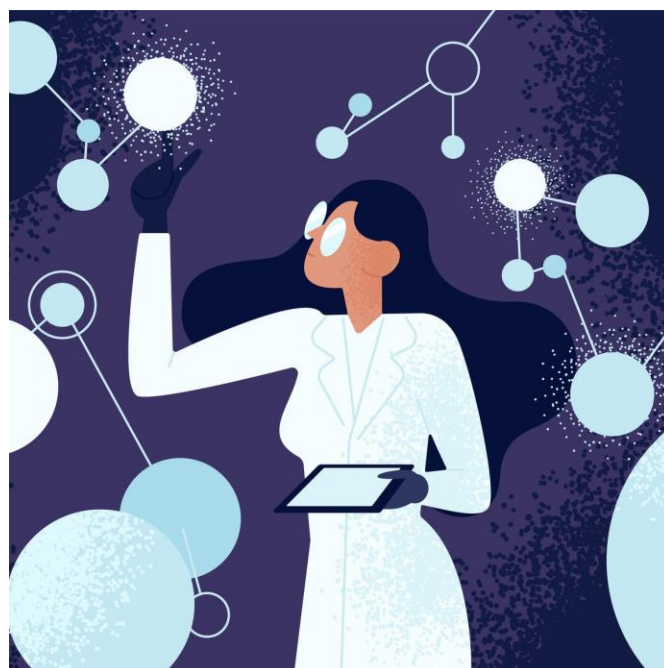


CAREERS IN STEM

Wednesday September 13, 2023

9:00-9:30	Arrive & Registrations	
9:30am	Welcome and Introduction. EY Partner MAV Staff	
9:40am	Expert Panel Prof. Asha Rao, RMIT University Dr. Carly Sawatzki, Deakin University Jay Tay, EY Australia Mei Ong, Senior Finance Leader, NFP Board Member	
10:20 am	Morning Tea Break	
10:45am	EY STEM APP Presentation	
11:15 am	Interactive Discussion Panel <i>All expert speakers</i>	
12:00pm	<i>Group 1 Room1</i> <i>Fly High Design</i> <i>Challenge</i>	<i>Group 2 Room 2</i> <i>Think Square</i> Mathematics! Oh the place you can go!
1:00pm	Lunch break	
1:30pm	<i>Group 2 Room1</i> <i>Fly High Design</i> <i>Challenge</i>	<i>Group 1 Room 2</i> <i>Think Square</i> Mathematics! Oh the place you can go!
2:30pm	Final remarks and conclude by 2:45pm	



Speakers



Professor Asha Rao

Professor of Mathematics
School of Science
RMIT University

Professor Asha Rao is Professor and former Associate Dean (Feb 2017 – Feb 2023) of Mathematical Sciences, School of Science at RMIT University, and former Director (Interim) of the Australian Mathematical Sciences Institute (AMSI). Prof Rao was inducted into the 2021 Victorian Honour Roll of Women in the Trail Blazer category. She is passionate about mathematics, cyber security, and gender issues that stymie the progress of women and girls in STEM careers. As the Founding Chair of Women in Mathematics, Prof Rao put in place several initiatives to improve gender equity with the Mathematical Sciences in Australia. She champions mathematics and STEM industries, inspiring others to follow her path.



Dr Carly Sawatzki

Senior Lecturer in Mathematics and Humanities Education
Deakin University

As a teenager, Dr Carly Sawatzki found maths challenging. She had to work really hard and didn't really understand "When am I going to use this?". The truth is, she enjoys using mathematics every day. Carly is now an education researcher at Deakin University, where she is dedicated to improving the conditions for students to learn mathematics at school. Her research, which explores how young people develop numeracy and financial capability within families, communities, and schools, is internationally recognised. Policy makers, school leaders and teachers are drawn to her innovative ideas how to prepare young people for the real world. Most recently, she has been teaching teachers to draw on data, statistics and evidence when dealing with difficult and discomforting topics (such as truth telling and reconciliation) with their own students. Carly writes for academic, government, teacher and preservice teacher audiences. She is regularly engaged by teacher associations and schools, being recognised as a dynamic, thought-provoking presenter. To find out more, go to www.carlysawatzki.com



Jay Tay

**Manager – Technology Consulting
EY Australia**

Jay is a Manager within the Technology Consulting practice at EY. Since graduating from Monash with a Mechanical Engineering degree, he has had the opportunity to work within the Finance, Telecommunications and Government and Public Sector services via various firms focused in delivering transformation and profit enhancing programs. He began his career at Accenture and gradually navigated through the various industries via, NBNCo, Telstra, FactSet Research Systems and even contracting before joining EY in 2021. Outside of the formal career path, he experimented with several start-ups focused on social impact, locally and internationally.





Mei Ong

**Senior Finance Leader
NFP Board Member**

Mei Ong is a board member of MAV and also serves as the Chair of the Finance Committee. Mei has always been passionate about numbers resulting in her career journey to revolve around corporate finance. She has held various leadership roles across corporate financial planning, financial modelling, treasury, finance business partnering and financial control in the utilities sector. She holds a degree in Accounting and Finance and graduated with a Master of Business Systems (specialised in finance) to combine her interest in finance and technology. She is currently consulting on a part-time basis, providing guidance and leadership to financial planning and modelling teams and strategic financial advisory services within the utilities sector. On her free days, she enjoys spending time with her 4-year old and of course, volunteers at MAV to promote the importance of maths.

Activities

Activity Title	Description	Supported By
Mathematics! Oh the place you can go!	<p>This session will explore some of the many places curiosity and creativity can take you. Andrew will share stories about his mathematical adventures and the unexpected career opportunities that mathematics can provide.</p> <p>Students will tackle hands-on puzzles and creatively apply their mathematical skills to solve novel and interesting problems.</p>	 The logo for 'THINK SQUARED' features the words 'THINK' and 'SQUARED' in a white, blocky, sans-serif font. A red arrow curves from the top right of the 'SQUARED' text back to the 'THINK' text. Below 'SQUARED' is the tagline 'Intentional Fun' in a smaller, red, sans-serif font. The entire logo is set against a black square background.
Fly High Design Challenge	<p>Explore what the Design Thinking process is, and how it helps to solve problems. Design thinking is a technique we use to solve problems. It's a creative process used by businesses and entrepreneurs that allows us to understand problems, brainstorm ideas and then to come up with the best solution. In this activity you will learn about the five stages of the process by working in teams.</p>	 The EY logo consists of a yellow triangle pointing upwards and to the right, positioned above the letters 'EY' in a bold, dark blue, sans-serif font.