

STEM ENRICHMENT CONFERENCE 2024 – PROGRAMME SCHEDULE					
Day 1		18 June 2024		Bedford Park	Theme: Sciences
8:30 – 8:55 am		Arrival and Registrations			
Venue: SOUTH LECTURE THEATRE 3					
9 – 9:10 am		Conference Opening <i>Prof Maria Parappilly, Director – STEM Enrichment Academy</i>			
9:10 – 9:15 am		Welcome Address <i>Prof Romy Lawson, Senior Deputy Vice-Chancellor – Flinders University</i>			
9:15 – 9:35 am		Plenary 1 – When Nothing Goes as Planned <i>Dr Stefania Peracchi, ANSTO</i>			
9:35 – 9:50 am		Keynote 1 - STEM Solutions for Climate Justice <i>Tiahni Adamson, CH4 Global 2024 SA Young Australian of the Year</i>			
HANDS-ON WORKSHOPS & VENUES					
10:05 - 11:05 am		Green Chemistry: Making Sustainable Water Bottles BDC Lab 3	Electrochemistry: Redox Reaction Jewellery PHYS_036	Identity Intelligence STUDIO 1&2	Wonders of Physics: Learning Through Hands-on Activities PHYS_103-106
Presented by		Flinders University	Flinders University	DSTG	Flinders University
11:05 – 11:40 am		Morning Tea at SILC & The Hub			
11:40 am -12:40 pm		Electrochemistry: Redox Reaction Jewellery PHYS_036	Identity Intelligence STUDIO 1&2	Green Chemistry: Making Sustainable Water Bottles BDC Lab 3	
Presented by		Flinders University	DSTG	Flinders University	
12:40 – 1:30 pm		Lunch at SILC & The Hub			
1:30 -2:30 pm		Wonders of Physics: Learning Through Hands-on Activities PHYS_103-106	Electrochemistry: Redox Reaction Jewellery PHYS_036	Identity Intelligence STUDIO 1&2	Green Chemistry: Making Sustainable Water Bottles BDC Lab 3
Presented by		Flinders University	Flinders University	DSTG	Flinders University
Day 1 – Close					

STEM ENRICHMENT CONFERENCE 2024 – PROGRAMME SCHEDULE								
Day 2		19 June 2024		Bedford Park		Theme: Physics & Technology		
8:30 – 8:55 am		Arrival and Registrations						
Venue: SOUTH LECTURE THEATRE 3								
9 – 9:20 am		Plenary 2 – Many Paths One Future <i>Prof Amanda Ellis, The University of Melbourne</i>						
9:20 – 9:35 am		Keynote 2 – From Curiosity to Career: Adventures in Astrophysics <i>Dr Tania M. Barone, Swinburne University of Technology</i>						
9:35 – 9:50 am		Role Model Talk – ‘Lifelong learning’ opens up ‘opportunities’ <i>Prof Manjula Sharma – The University of Sydney</i>						
HANDS-ON WORKSHOPS & VENUES								
10:05 - 11:05 am		Sustainable Materials: From waste to value PHYS_001	Mind Bending Light PHYS_103-106 PHYS_220	Green Chemistry: Making Sustainable Soap Formulation BDC Lab 3	Cybersecurity workshop IST 201 & 205			
Presented by		UNSW	AIP & Optica	Flinders University	Flinders University			
11:05 – 11:40 am		Morning Tea at SILC & The Hub						
11:40 am -12:40 pm		Green Chemistry: Making Sustainable Soap Formulation BDC Lab 3	Cybersecurity workshop IST 201 & 205	Sustainable Materials: From waste to value PHYS_001	Mind Bending Light PHYS_103-106 PHYS_220			
Presented by		Flinders University	Flinders University	UNSW	AIP & Optica			
12:40 – 1:30 pm		Lunch at SILC & The Hub						
1:30 -2:30 pm		Cybersecurity workshop IST 201 & 205	Green Chemistry: Making Sustainable Soap Formulation BDC Lab 3	Wonders of Physics: Learning Through Hands-on Activities PHYS_235-238	Sustainable Materials: From waste to value PHYS_001	Mind Bending Light PHYS_103-106 PHYS_220		
Presented by		Flinders University	Flinders University	Flinders University	UNSW	AIP & Optica		
Day 2 – Close								

STEM ENRICHMENT CONFERENCE 2024 – PROGRAMME SCHEDULE					
Day 3		20 June 2024		Tonsley	Theme: Engineering & Technology
8:30 – 8:55 am		Arrival and Registrations			
Hands-on Workshops & Industry Panel and Tour					
9 - 10 am	Cyber Security	Matter and Space	Robotics	Industry Panel and Tour	
Venues	TON_T1_G.07 TON_T1_1.07	TON_T1_1.09	Digital Transformation Lab & Tonsley Pod	TON_T1_G42 & MAB	
Presented by	Flinders University	Flinders University	Flinders University	Flinders University	
10 -10:20 am TONS LT 1, G42	Plenary 3 – A smart vision for a sustainable future: SMaRT technologies and MICROfactories™ <i>Scientia Professor Veena Sahajwalla FAA FTSE HonFIEAust CPEng, UNSW</i>				
10:20 -10:35 am TONS LT 1, G42	Keynote 3(a) A STEM/Physics Career Journey - Achievable Opportunities <i>Dr Giuseppina Dall'Armi-Stoks (DSTG)</i>				
10:35 -11 am TONS LT 1, G42	Role model talks <i>Dr Nina Welti (CSIRO)</i> <i>Gail Jackman</i>				
10 -10:20 am TONS LT 2, G32	Keynote 3(b) STEM is wild (and maybe a bit different to what you think)! <i>Dr Zoe Doubleday, University of SA</i>				
10:20 -11 am TONS LT 2, G32	Role model talks <i>Dr Tania M. Barone</i> <i>Susanne Zeile (Affinity Labs)</i> <i>Michelle Green (Planit Testing & HerTech Path)</i>				
11 am – 12:30 pm	Women in STEM Brunch and Round Table Discussion with Role Models				
Hands-on Workshops & Industry Panel and Tour					
12:30 -1:30 pm	Cyber Security	Matter and Space	Robotics	Industry Panel and Tour	
Presented by	Flinders University	Flinders University	Flinders University	Flinders University	
Venues	TON_T1_G.07 TON_T1_1.07	TON_T1_1.09	Digital Transformation Lab & Tonsley Pod	TON_T1_G42 & MAB	
1:30 – 2:20 pm TONS LT 1, G42	Conference Closing, Survey and Feedback <i>Prof Maria Parappilly, Director – STEM Enrichment Academy</i>				
1:30 – 2:20 pm TONS LT 2, G32	Conference Closing, Survey and Feedback <i>Prof Claire Lenehan - Dean (Research) Flinders University</i>				
2:20 – 2:30 pm	Conference End & Departure				