

UQ-QAMT Senior Mathematics Day 22 November 2021

Draft Program – Online V0.3 (correct as of 16 September 2021)

ZOOM Links: To be emailed to participants closer to the date.

Time	Stream 1	Stream 2	Stream 3
9am – 9.15am	Welcome and UQ Update Professor Joseph Grotowski UQ School of Mathematics and Physics		
9.15am – 9.25am	QAMT Update (Queensland Association of Mathematics Teachers)		
9.25am – 10.25am	Statistics for General Mathematics Dr Michael Bulmer, UQ School of Mathematics and Physics	Mathematical Methods: IA2 and IA3 Discussion Heather Meinecke, St Joseph's College	Vectors and Matrices for Specialist Mathematics Wenbo Li, UQ School of Mathematics and Physics
10.25am – 10.40am	Morning Tea		
10.40am – 11.40am	Networks and Graph Theory for General Mathematics Associate Professor Barbara Maenhaut, UQ School of Mathematics and Physics	Statistics for Mathematical Methods Dr Michael Bulmer, UQ School of Mathematics and Physics	Specialist Mathematics: IA2 and IA3 Discussion Heather Meinecke, St Joseph's College
11.40am – 12.40pm	Using Virtual Reality in Senior Mathematics Narelle Morris, St James Lutheran College	Integration Techniques in Mathematical Methods and Specialist Mathematics Wenbo Li, UQ School of Mathematics and Physics	Statistics for Specialist Mathematics Dr Michael Bulmer, UQ School of Mathematics and Physics
12.40pm – 1.20pm	Lunch		
1.20pm – 2.20pm	How I Learned to Love Pivoting between Learning Mathematics from Home and Learning in Person Kristen Maus, Mount Alvernia College	Year 10 Mathematics ATAR Preparation Class Mikayla Mason, Roma State College	Specialist Mathematics: Vector Calculus Dr Sam Kault, UQ School of Mathematics and Physics
2.20pm – 3.10pm	Reducing Students' Exam Stress Nick Brooking, Peace Lutheran College		Specialist Mathematics: Differential Equations Dr Sam Kault, UQ School of Mathematics and Physics
3.10pm – 3.20pm	Closing Remarks		