

QAMT State Conference 2021



MATHEMATICS
Pathways for
SUCCESS



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Saturday 26th and
Sunday 27th June
Southport State High
School

Love Mathematics?
Love Teaching?
Love Research? So do we!

Registrations open ! Visit <https://qamt.qld.edu.au/>

Senior Secondary Face to Face Presenters



Elena Zeema and
Rachel Atallah
The Casio fx-CG50AU: The
Prequel... and Navigating the
Casio Education Website



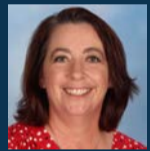
Dr Peter Grootenboer
Griffith University
Leading Mathematics
Learning



Paulina Sliedrecht and
Linda Carroll
DoE STEM
M n STEM: Effective evidence-
based pedagogies for your
mathematics classroom



Alex Bunt
MathSpace
"Continuous Assessment,
Differentiation and Mastery
Learning in the Digital Age"



Allison Beeforth
Mathscraft
Doing Maths like a
Mathematician



Stephen Broderick
Secondary Mathematics and
Science Teacher;
QAMT President
Fermi Problems and
Mathematical Modelling



Dr Evan Shellshear
Head of Analytics, Biarri
Optimisation
Augmenting Human Creativity via
Maths and AI



Rodney Anderson
Secondary Teacher
Effective and efficient use of the
TI-Inspire calculator in a
Mathematical Methods
Examination



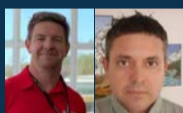
Rex Boggs
Retired HOD Mathematics
Ten Top Tips To Transform
Teaching



Peter Fox
Texas Instruments
A Visual Approach to Teaching,
Learning and Understanding
Mathematics



Catherine Smith
QCAA
External Assessment Marking,
Unpacking the EAMGs



Ben Habermahl and
Gregory Reinke
Mathematics through
movement and
manipulative's



Robyn McNamara
QCAA
Being a Critical Friend,
Reviewing an Examination
Question



Cran Middlecoate
Its Rocket Science
My Cockpit to your Classroom



Kerri Hill
Casio education consultant
2020 External Technology Active
Mathematical Methods exam –
efficient and discerning use of the
Casio fx CG50AU



Wenbo Li
The University of Queensland
General Mathematics,
Mathematical Methods and
Specialist Mathematics: Which High
School Maths Subject is Needed as
a Prerequisite for University
Degrees?



Alistair Lutpton
(1) Dogball, a study of bounce
(2) Dogball - in the Dog's House



Bill Simpson
Secondary Mathematics and
Chemistry teacher
QAMT Life Member
The Artist and the Mathematician



Dr Michael Bulmer
The University of Queensland
Problem-Solving and Modelling
Tasks with The Islands



Michelle Davis
Brilliant Brains
Modelling growth mindset in the
Classrooms



Bill Fowles
Modern Teaching Aids
Latest in Mathematics Education
Technology, Focus on Dynamics



Dr Margaret Marshman
University of the Sunshine Coast
The Pedagogical Beliefs of
Queensland Teachers

Keynote Speakers



Keynote
Professor Merrilyn Goos
University of Limerick
Working with Teachers to Develop
Numeracy Across the Curriculum



Bill Simpson Plenary Closing
Address
Joel Speranza
How not to answer that question

Senior Secondary Virtual Presenters



Narelle Morris
St James Lutheran College
External exams - preparation and
practice



Dr Paul Leopardi
Australian National University
Applications of equal area
partitions of the sphere



Paul Bowyer
Mathematical calendar creator and
teacher
Using the date to teach
Mathematics



Aitken Jardine
Secondary Mathematics and Science
Teacher; Advisory Visiting Teacher –
Vision Impairment
Accessible Mathematics for Students
with Visual Impairments