

PROGRAM Day 1

*This program is subject to change. Current as of 13 June 2025

Thursday 19 June 2025



Design And Technology Teachers' Association
Queensland State Conference 2025

dattaqld.org.au/conference

#DATTACL D2025

Join us at the
Brisbane Convention
& Exhibition Centre
19–20 June 2025

07:30 - 17:00 Registration and information desk open
Boulevard foyer

08:30 - 08:45 Welcome and formalities
Boulevard rooms 1-3 combined

08:45 - 9:45 **Keynote presentation: Transforming learning: Innovative approaches to Technology and Design Education in Queensland**
Brett Dascombe, Wavell State High School

9:45 - 10:30 **Panel discussion: Equipping Today's Students for Tomorrow's Workforce**
Moderator: Stephen Anderson, DATTA Qld
Panellists: Carol-Anne Durkin, DATTA Qld, Dr Natasha Arthars, Queensland University of Technology, Brett Dascombe, Wavell State High School, Rashan Senanayake, Inspired Education Australia, Georgi Tomlinson, Manufacturing Skills Queensland

10:30 - 10:55 **Morning tea and trade displays**
Boulevard room and foyer

Time	Session	Boulevard level			Arbour level		Boulevard level	Off-site
		Room B1	Room B2	Room B3	Room A1	Room A2	Exhibition area	
11:00 - 12:00	1	Session 1.01 Using the problem-solving process in Engineering (General) Carol-Anne Durkin, QCAA and Neil Blackbeard, Varsity College	Session 1.02 Aboriginal tools and fibre – knowing native plants and their uses in tool-making, healing, medicine and everyday items Leslie (Gordon) Waraba Lister, Waraba Arts and Sally Lawrence, Black Cockatoo	Session 1.03 How to design the customer journey Kellie King, Jacqui Niblett and Erica Chou, The University of Queensland	Session 1.04 Making thinking visible: Unpacking real-world issues to design solutions for local Agricultural Show entries Nicolette Wheaton, The Glennie School	Session 1.05 Supporting resources for Engineering Skills 2024 Dr Natasha Arthars and Leighann Ness-Wilson, Queensland University of Technology	Session 1.06 Visit the exhibition (self-guided)	Session 1.07 Cross River Rail Experience Centre Tour Cross River Rail Experience Centre Level 1/151 Elizabeth St, Brisbane City
			Session 2.02 Teaching QCE Design Units 3 & 4 Andrew Scott, Queensland University of Technology and Mike King, St. Andrew's Anglican College				Session 2.06 Visit the exhibition (self-guided)	

13:05 - 13:50 Lunch and trade displays
Boulevard room and foyer

Time	Session	Boulevard level			Arbour level		Boulevard level	Off-site	Off-site
		Room B1	Room B2	Room B3	Room A1	Room A2	Exhibition area		
13:55 - 14:55	3	Session 3.01 Practices in manufacturing subjects – Community of Practice Carol-Anne Durkin, QCAA	Session 3.02 Trades for the future: emerging education on flood resilient building and design Sam Bowstead, Department of Housing and Public Works and Reshma Callus, The Resilient Homes Fund	Session 3.03 Good idea vs Bad idea Kellie King, Jacqui Niblett and Erica Chou, The University of Queensland	Session 3.04 Urgent Innovators: Powering through the Design Process Stephen Anderson, Cleveland State High School	Session 3.05 Enhancing Design and Technology assessment: Pairing Investigations with Projects Rob Wecker, St. Hilda's School	Session 3.06 Visit the exhibition (self-guided)	Session 3.07 Cross River Rail Experience Centre Tour Cross River Rail Experience Centre Level 1/151 Elizabeth St, Brisbane City	Session 3.08 State Library of Queensland Tour including The Edge State Library of Queensland, Cultural Precinct, Stanley Place, South Brisbane
			Session 4.02 From collections to the classroom: Live from State Library Natasha Ratajczek, State Library of Queensland		Session 4.04 2025 Engineering – Mock Confirmation Rowan Cahill, Whitsunday Anglican School	Session 4.05 Robotics at the intersection of Design and Technology Tim Hadwen, Micromelon Robotics	Session 4.06 Visit the exhibition (self-guided)		

16:00 - 17:00 **Networking session with trade displays and raffle draws**
Boulevard room and foyer

18:00 - 21:00 Conference dinner
Guest speaker presentation: Contemporary research into Design and Technologies: Insights, implications, and future directions
Leighann Ness Wilson, Queensland University of Technology
Venue: The Ship Inn, Corner of Sidon & Stanley Streets, South Bank Parklands

PROGRAM Day 2

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#DATTAQLD2025

Join us at the
 Brisbane Convention
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 19–20 June 2025

Friday 20 June 2025

08:30 - 15:30	Registration and information desk open Boulevard foyer							
09:00 - 09:15	Welcome and formalities Boulevard rooms 1-3 combined							
09:15 - 10:15	Keynote presentation: Young Change Agents Margaret O'Brien, Founder and CEO, Young Change Agents							
10:15 - 10:45	Morning tea and trade displays Boulevard room and foyer							
Time	Session	Boulevard level			Arbour level		Boulevard level	Off-site
		Room B1	Room B2	Room B3	Room A1	Room A2	Exhibition area	
10:50 - 11:50	5	Session 5.01 OnGuard Safety – the most comprehensive safety training platform used in Australian schools Bruce Lewis, OnGuard Safety	Session 5.02 How we teach Advanced Manufacturing Shaun Manning, St. Benedict's College	Session 5.03 Assessment for updated Design syllabus Wayne van den Bos, Genesis Christian College	Session 5.04 Teaching students how to read drawings Andrew Nicholls, Andrew Nicholls Design	Session 5.05 Clothing and soft materials drawing workshop Justine Hawkins, Mount Alvernia College	Session 5.06 Visit the exhibition (self-guided)	Session 5.07 State Library of Queensland Tour including The Edge State Library of Queensland, Cultural Precinct, Stanley Place, South Brisbane
11:55 - 12:55	6		Session 6.02 Emerging Technologies X Design Thinking: An outlook 2025-2030 Rashan Senanayake, Inspired Education Australia			Session 6.05 Ideas for creating a Year 10 Design program Justine Hawkins and Emma Maya, Mount Alvernia College	Session 6.06 Visit the exhibition (self-guided)	
12:55 - 13:50	Lunch and trade displays Boulevard room and foyer							
Time	Session	Boulevard level			Arbour level			
		Room B1	Room B2	Room B3	Room A1	Room A2		
13:55 - 14:55	7	Session 7.01 Designing quality assessment in Design and Technologies: Strategies for 7–10 Evie Skinner, QCAA	Session 7.02 From passive users to pioneers: Student voice in Technology Jacob Raftery, Westside Christian College	Session 7.03 Timber in Action: Designing for sustainability, biodiversity and real-world solutions Beth Welden, ForestLearning FWPA and Tom Clapson, HQPlantations	Session 7.04 Bridging the cybersecurity skills gap: Practical pathways for schools Adam Jacobs, EdTech Group	Session 7.05 Integrating sheet metal fibre laser cutting and SolidWorks Workflow into education Michael Mikhail, Prytec Solutions Pty Ltd		
15:00 - 15:30	Conference close and final raffle draws Room B2							