

CONFERENCE PROGRAM

*This program is subject to change

Friday 29 November 2024

08:00 - 16:00 Registration and information desk open
Building 16 central entrance

08:20 - 08:35 Welcome and formalities
Lecture theatre 17.157

08:36 - 08:50 Premium Sponsor Introduction

08:51 - 09:40 **Keynote Presentation: AI and the Art of Crafting - Leveraging a New Set of Tools to Create.**
Hall Jackson,

09:45 - 9:55 Exhibitor Introductions and Overviews

09:56 - 10:20 Morning tea and trade displays

| Time | Session | Presentations | | | | | | WHS | |
|---------------|---------|--|---|--|---|---|--|--|--|
| | | Session 4.01 16.133 | Session 4.02 16.104 | Session 4.03 16.105 | Session 4.04 16.224 | Session 4.05 17.102 | Session 4.06 17.125 | Session 4.07 16.222 | Session 4.08 16.223 |
| 10:22 - 11:20 | 4 | Workshop Maintenance - 101 David Morgan Bussleton SHS | Bite Size - Project Showcase: Robotics, Metal Construction, STEM Ian Collishaw, Beverley Wide, Alex Coulter, Jack Wilmot, Steve Warwick | Fab Workshop - Creative and Accessible Projects from Outside the Box Skye Ogrizek Coastal Lakes College | Fusion 360 for CNC Machining Thomas O'Brien Perth Modern School ** 2hr session | H2GP - Hydrogen Powered Radio Controlled Car Race Piers Forder | Mechatronics Flowchart Code With Nanoflo Adam Preston | OnGuard Safety – what is all the fuss about anyway? Bruce Lewis and Adam Giancaspro, Onguard Safety Training | I have signed up to OnGuard Safety – now how do I get the best out of all its features? Bruce Lewis and Adam Giancaspro, Onguard Safety Training |
| 11:25 - 12:25 | 5 | Compass: Suggestions and Ways To Use Compass in Design and Technology Dylan Trent Perth Modern School | Augmented Welding Simulators Welding Australia | Forest Learning - Teaching Resources About Forests Veronica Tyquin and Beth Welden Forestry and Wood | Why do we draw? The role of technical drawings in Design and Technology. Lachlan Murphy Edith Cowan University | Introduction to Mechatronics in Lower Secondary Jared Faint Guildford Grammar School | A Study of Extended Reality (XR) and Creativity in an Australian Secondary School Context Jodi Saunders Curtin University | OnGuard Safety – what is all the fuss about anyway? Bruce Lewis and Adam Giancaspro, Onguard Safety Training | I have signed up to OnGuard Safety – now how do I get the best out of all its features? Bruce Lewis and Adam Giancaspro, Onguard Safety Training |

12:30 - 13:10 Lunch under the marquee, trade displays

| Time | Session | Industry Visits | | | | | | Remain @ ECU | |
|----------------|---------|--|--|---|--|---|------------------------|--|--------|
| | | Supplier Demos | Automotive / Workshop | Metal Fabrication | Metal Fabrication | Trade Skills | Wood Production | WHS | 16.223 |
| Pickup 13:20pm | | Session 6.01 Bus 1 | Session 6.02 Bus 2 | Session 6.03 Bus 3 | Session 6.04 Bus 4 | Session 6.05 Bus 5 | Session 6.06 Bus 6 | Session 6.07 | |
| 14:00 - 16:00 | 6 | Beyond Tools - CNC Routing, Routing and Laser Cutting, MALAGA | Steve Morgan - Automotive Trade Centre, LEEMING SHS | Adarsh Australia - Commercial 3D Printing, LANDSDALE | Adarsh Australia - Machine Shop, MALAGA | TRY A TRADE - Construction Futures Centre, BELMONT | Tommotek MALAGA | I have signed up to OnGuard Safety – now how do I get the best out of all its features? Bruce Lewis and Adam Giancaspro, Onguard Safety Training | |
| Pickup 16:00pm | | | | | | | | Session 6.08 | |
| | | | | | | | | I have signed up to OnGuard Safety – now how do I get the best out of all its features? Bruce Lewis and Adam Giancaspro, Onguard Safety Training | |

16:20 - 16:40 Conference close with prize draw for attendees
Lecture theatre 17.157

16:40 - 17:00 **DATTA Annual General Meeting**

17:00 - 18:00 Networking and closing drinks