PUBLICATIONS

"A Case for Esoteric Types in Computational Geometry."
Conference: Design Computation i/o, 2024.

"Enabling design partnerships through parametric design visualisation."
in ACCELERATED DESIGN, Proceedings of the 29th Conference of the Association for Computer-Aided Architectural Design Research in Asia (CAADRIA) 2024, Volume 2, 211-220.

"Aurecon buildings carbon sketcher: A cross-disciplinary webtool for carbon neutral building design."
Conference: IASS 2023, Melbourne, Australia.

"Emerging collaborative design platforms and the future of architectural education and practice."
in P Izadpahani and F. Perugia (eds), Architectural Science and User Experience: How can design enhance the quality of life: 55th International Conference of the Architectural Science Association 2022, pp. 284-293, Curtin University, Perth, Australia

"Design: From Object to Process."
in BIM and Beyond: Design Technology in Architecture 2021 Report. Australian Institute of Architects. p. 24 - 25.

Lunar Bridge project, with Craig McCormack, featured in Architectural Guide: Moon
Meuser, Paul (ed). "Architectural Guide: Moon", DOM publishers, Berlin, 2019.

"Advanced timber concepts and the design of furniture and structures."
in Digital wood design: Innovative techniques of representation in architectural design. eds. Fabio Bianconi; Marco Filippucci. Switzerland : Springer, 2019. p. 159-194 (Lecture notes in civil engineering; Vol. 24)

"Transdisciplinarity in space architecture with parametric computation."
Conference: 68th International Astronautical Congress (IAC), Adelaide, Australia, 2017

"Design processes involved in the delivery of a complex architectural structure to a remote location."
In M. S. T. Anderson (Ed.), 3rd Annual International Conference on Architecture and Civil Engineering (ACE), 2015

TRISTAN JOSEPH MORGAN

AWARDS AND MEDIA

National Commendation for Sustainable Architecture
2024 National Architecture Awards
Project: Ravensthorpe Cultural Precinct
Team: Peter Hobbs Architects with Advanced Timber Concepts and Intensive Fields

The Wallace Greenham Award for Sustainable Architecture

The Jeffrey Howlett Award for Public Architecture
2024 Architecture Awards, WA Chapter
Project: Ravensthorpe Cultural Precinct
Team: Peter Hobbs Architects with Advanced Timber Concepts and Intensive Fields

Silver Winner, Aurecon Inground
Better Future Australian Design Awards 2023
Better Future Wild Design Awards 2023

Gold Winner, Aurecon Inground
Better Future Melbourne Design Awards 2022

Finalist, Aurecon Inground
Victorian Premier's Design Awards, 2022

Australia and WA Winner
WOODIFY, ClimateLaunchpad Startup Competition, 2021

Commendation for Sustainable Architecture
2020 National Architecture Awards
Project: Pingelly Recreation and Cultural Centre
Team: Iredale Pederson Hook Architects with Advanced Timber Concepts Studio

George Temple Poole Award

Award for Public Architecture

Wallace Greenham Award for Sustainable Architecture
2020 Architecture Awards, WA Chapter
Project: Pingelly Recreation and Cultural Centre
Team: Iredale Pederson Hook Architects with Advanced Timber Concepts Studio

Design Award, WA Future Leader of the Year
Property Council WA, 2019

Most Beautiful Sports Facility in the World
Prix Versailles 2019
Project: Optus Stadium
Team: Hassel, COX, and HKS

National Award for Public Architecture

COLORBOND Award for Steel Architecture
2018 National Architecture Awards
Project: Optus Stadium
Team: Hassel, COX, and HKS

George Temple Poole Award

Jefferey Howlett Award

Wallace Greenham Award
2018 Architecture Awards, WA Chapter
Project: Optus Stadium
Team: Hassel, COX, and HKS

Post-Graduate Scholarship
Forest and Wood Products Australia Limited (FWPA), 2011

High Commendation, South Hedland Town Centre
Lightweight Structures Association Australasia (LSAA), 2011

INVITED LECTURES, TALKS, PANELS, WORKSHOPS

Why We Draw (Panel)
Design Institute of Australia, Perth Design Week, Online, 2024

Generative AI and Computational Design (Panel)
Immersive Architecture (IMArch) Asia, Singapore, 2023

Convergence: Spatial Computing, AI and the Metaverse (Keynote Panel)
Immerse Connect, Fremantle, 2023

Computational Design and Fabrication
Perth Design Week Charette, 2023

Designing the Metaverse (Panel)
Fremantle Design Week, 2022

Hearing Architecture Podcast - Sustainability and Tech
EmAGN/Architecture Australia, 2022

BIM Without BIM, Workshop Leader
CAADRIA Conference, Sydney, 2022

"On: Flux", 3 Over / 4 Under Forum
EmAGN/Architecture Australia, Perth, 2021

Net Zero Carbon - Webinar 3
Engineers Australia, 2021

Reconfiguring Architectural Practice: Emerging and Future Research Frameworks for Architecture, Engineering, and Construction (AEC)
Research in Practice, Melbourne, 2020

Reconfiguring Architectural Practice: Future Technological Frameworks for AEC
Curtin Architalk, Perth, 2020

ZERO Carbon Design - Lecture 4
Australian Institute of Architects, Western Australian Chapter, Perth, 2020

Climate, COVID, and the City (Panel)
Disrupted Festival of Ideas, Perth, 2020

The Future of Professions (Panel)
XR:WA Festival, Perth, 2020

Reconfiguring Architectural Design
Australian Institute of Architects, WA Chapter, Perth, 2019

Towards Transdisciplinarity in AEC: A Digital Technology Perspective
Transcend 2.0: Breaking New Ground in the Built Environment, DesignIntelligence / The Design Futures Council, Melbourne 2019

Reconfiguring Architectural Practice (or: expanding the field of design computation)
Perth Computational Design Group Meeting 1, Australian Urban Design Research Centre (AUDRC), Perth 2019

Simulation and Simulacra: Integrating Computational Design into Architectural Practice
Para Guru Symposium, Swinburne University, Melbourne 2018