



ISEE
Australia

10TH DRILL & BLAST DOWN UNDER CONFERENCE 2026

Perth, Western Australia
17, 18 & 19 November 2026
Optus Stadium



ISEE
Australia

CONFERENCE PROGRAM 2026



Platinum Sponsor



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BLASTING SERVICES



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17, 18 & 19 November 2026
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Conference Agenda

Tuesday 17th November

2.00 pm	Delegate Registration
2:00 pm	Exhibitor Bump in and set up
6.00 pm	Arrival Networking Session (Emerging Professionals Event) - Exhibitor Hall

Day 1: Wednesday 18th November

7.00 am	Delegate Registration
8.10 am	Welcome Address
8.20 am	ISSE Australia President's Address
8.30 am	Keynote Speaker – Paul Carter
9.30 am	Technical Session 1
10.00 am	ISSE Australia Awards – DOTY, SOTY, Past President Award, Paper of the Year
10.30 am	Morning Tea
11.00 am	Technical Session 2
12.30 pm	Lunch
1.30 pm	Technical Session 3
3.00 pm	Afternoon Tea
3.30 pm	Technical Session 4
5.00 pm	Happy Hour (in Exhibitor Hall)
6.00 pm	Conference Area Close
7.00 pm	Conference Dinner - Optus Stadium Sports Lounge – Buffet and Cocktail Reception (Sponsored by Black Diamond Drilling)

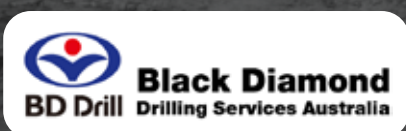
Day 2: Thursday 19th November

8.00 am	Registration Open
8.30 am	Technical Session 5
10.30 am	Morning Tea
11.00 am	Technical Session 6
12.30 pm	Lunch
1.30 pm	Technical Session 7
3.00 pm	Afternoon Tea
3.30 pm	Technical Session 8
5.00 pm	Conference & Exhibition Close
5.30 pm	Closing Networking Drinks @ The Camfield

Technology & Innovation Spotlight (On Stage - Exhibition Hall)

15-minute time slots showcasing new technologies/case studies/products.

- Carlson Software Australia
- Propak Industries
- ACA Training
- CorePlan
- Control Services Australia
- Ideagen
- LiveMine
- Instantel (Canada)
- Innovative Blasting Technologies



From the ISEE Australia Chapter President



Over the past decade we've grown as both a Drill & Blast Community and an Organisation, and now, we are delighted to host our 10th Annual Conference in Perth this year, at our biggest venue yet! To celebrate our anniversary, we are planning a fireworks display you won't forget!

This year, we were overwhelmed with abstracts from all over the globe, unfortunately, we couldn't accommodate them all. Whilst the Conference Committee had a tough job this year, they have managed to curate a diverse range of topics, with drilling-based presentations being incorporated into the mainstream following your feedback last year. Innovative products, technologies, research, and case studies will all be featured in the packed technical program.

Through our annual awards, we'll have the opportunity to acknowledge those drillers and shotfirers who toil in harsh conditions to keep our industry moving.

Our keynote this year from Paul Carter will take us on a journey to some of the world's most remote, wild and dangerous places. It should be quite a ride, one not to miss!

So, mark the 17-19th of November in your diaries, it's sure to be the conference you don't want to miss. Looking forward to seeing you all in November.

Paul Klarić

President / ISEE Australia

Principal / Drill and Blast Fortescue

KEYNOTE SPEAKER

Paul Carter



From Oil Fields to Bestsellers: Paul Carter's Journey Through Chaos, Danger and Laughter

A take no prisoner's approach to life has seen Paul Carter heading to some of the world's most remote, wild and dangerous places as a contractor in the oil business. Amazingly, he's survived (so far) to tell these stories from the edge of civilization, and reason.

Paul has been shot at, hijacked, and held hostage. He holds two Australian motorcycle records for distance and speed and was once locked in the toilet by his own monkey. Taking postings in some of the world's wildest and most remote regions, not to mention some of the roughest drilling rigs on the planet. Paul has worked in locations as far-flung as the North Sea, Middle East, Borneo and Tunisia, as exotic as Sumatra, Vietnam and Thailand, and as flat out dangerous as Afghanistan, Columbia, and Nigeria.

Paul survived all this with his crew, some of the maddest, baddest, and strangest people you could hope not to meet. He is the author of four best selling books and is currently working on his fifth.

Paul has been working in the oil exploration industry since he was eighteen years old, Paul and his crew have completed drilling campaigns in some of the world's most remote, wild and dangerous places. In that time, he accumulated a wealth of hilarious and often terrifying stories. Today he lives in Perth with his wife, two children and three motorcycles. But who knows where he'll be tomorrow!

Conference Dinner, Venue & Accommodation

The conference dinner this year is proudly sponsored by Black Diamond Drilling and will have the usual tropical/ bright colours/crazy shirt theme and will be held in the Optus Stadium Sports Lounge. This casual event will give delegates the chance to unwind and catch up with new and old friends. The dinner will cost \$165 per person and can be booked along with delegate registration via online booking. Partners are welcome.



Conference Registration

Please register for this event using online booking website Humanitix: **ONLINE BOOKING** or copy and paste this URL: **<https://events.humanitix.com/10th-drill-and-blast-down-under-conference-2026>**

Early Bird Discount

Book before the 18th of September 2026 to **save \$100**

ISEE Member

Conference Delegate Ticket (Early)	\$595 +GST
Conference Delegate Ticket (Standard)	\$695 +GST

Non ISEE Member

Conference Delegate Ticket (Early Bird)	\$895 +GST
Conference Delegate Ticket (Standard)	\$995 +GST

Exhibitor Hall Access Only (No admittance to conference)	\$440 +GST
Student Pass (entrance to conference sessions and exhibition hall)	\$99 +GST
Conference Dinner - Wednesday 18th November (7:00pm - 10:00pm)	\$150 +GST
Closing Networking Event - Thursday 19th November (5:00pm - 7:30pm)	\$77 +GST

Humanitix issues a tax invoice/receipt. If you require an additional accounting assistance, please email the ISEE Treasurer: **conference@iseeaustralia.org**



Venue

Optus Stadium

333 Victoria Park Drive
Burswood WA 6100

Optus Stadium preferred accommodation list:

CLICK HERE for an interactive map which showcases accommodation options in central Perth city and close to Optus Stadium.

CLICK HERE for discounts at the Crown Perth.

TECHNICAL TOPICS

** Presentations are not finalised and program is subject to change.*

Day 1: Wednesday 18th November

TECHNICAL SESSION 1

- 1 8.00 am **Welcome by MC**
Stephen Harvey
Hopscotch Safety
- 2 8.10 am **Welcome Address**
Jennifer Low
Deputy WorkSafe Commissioner
- 3 8.20 am **ISEE Australia President's Address**
- 4 8.30 am **Keynote Address**
Paul Carter
- 5 9.30 am **Technical Topic: Blast Hole Drilling - 50 Years of Changes - From Compressors to Computers**
Graeme Exelby
Director, DTH Drilling Solutions
- 6 10.00 am **ISEE Australia Awards - Fellow, Distinguished Service, Driller of the Year and Shotfirer of the Year**
- 7 10:30 am **Morning Tea**

TECHNICAL SESSION 2

- 1 11.00 am **Overslept Production Rings – A Post-Weather Event Analysis**
Matt Bouwmeester
Senior Production Engineer - Technical Services, Victory Minerals - Ballarat Gold Mine
- 2 11.30 am **Fundamentals of Undercut Slot Blasting Design at PB4 A Practical Approach to Blast Initiation**
Gandi Kurniawan
Acting Chief Engineer Caving DMLZ And PB4, Freeport Indonesia
- 3 12.00 pm **Kidston Pumped Hydro Reverse Portal Breakthrough**
John Wall
Underground Specialist, Blastcon Australia

TECHNICAL SESSION 3

- 1 1.30 pm **Laser Guidance Systems in Underground Development Operations**
James Hay
Founder, Acculaser
- 2 2.00 pm **Benchmarking Wall Control Results in Hard Rock Mines**
Richard Sullivan
Specialist D&B Engineer, Sedna D&B
- 3 2.30 pm **Development of an Engineering Protocol for the Creation of Bench Limits Drill and Blast Designs**
Bill Adamson
Principal Consultant, AdamSol

TECHNICAL SESSION 4

- 1 3.30 pm **Synthesis of Calcium Nitrate from Indonesian Limestone via Nitric Acid Neutralization as a Dual Salt Component in Bulk Emulsion Explosive Formulations**
Yulia Hikmah
Research & Development Manager - PT DAHANA, Indonesia
- 2 4.00 pm **Designing an Electronic Detonator with Automated Delay Timing Control to Reduce Misfires and Post Blast Fume by Addressing the Impact of Dynamic Pressure During Blasting**
Dr Gary Cavanough
Consulting Engineer/Research Scientist & Director, QMR Blasting Analysis
- 3 4.30 pm **Hydrogen Peroxide Emulsion (HPE) in Action – Stockholm Sweden Rail Tunnel Project**
Rakhi Pathak
Global Manager: Strategic Partnerships, BME Explosives

Day 2: Thursday 19th November

TECHNICAL SESSION 5

- 1 8.30 am Queensland Shotfirer Legislative Obligations and Evolution**
Paul Gleeson
Senior Inspector of Explosives, Resources Safety & Health Queensland
- 2 9.00 am Testing of Carry Boxes for the Transport of Incompatible Explosives**
Lee Julian
Director - Blast Ability
Ryan Brogden
Director - Frontier Safety
- 3 9.30 am Investigation of Incendivity Properties and Other Safety Parameters of Permitted Electronic Delay Detonators for Usage in Underground Coal Mines**
Arvind Kumar
Senior Technical Officer, CSIR - Central Institute of Mining and Fuel Research (CIMFR) – India
- 4 10.00 am The Carbon-Adjusted Kuz-Ram Model: A Tri-Criteria Framework for Optimising Fragmentation, Economics, and GHG Emissions in Surface Blasting**
Rudy Heryadi
Chief Operating Officer, PT Suma Yogara Sejahtera and Lecturer, PGRI Kalimantan University Affiliation

TECHNICAL SESSION 6

- 1 11.00 am Revolutionizing Noise Measurement in Mining Blasting Operations with a New Mathematical Model for Converting dB(L) to dB(A)**
Delina Mutiara
Mine Plan Engineer, PT Macmahon Indonesia
Teja Sukmara
General Manager for General Mining, PT Dahana
- 2 11.30 am The Timing Influence on Blasting-Induced Ground Vibration: A Comparison Study from Serra Sul Mine**
Leonardo Soares Chaves
Drill and Blast Engineer, Vale
- 3 12.00 pm Vibration Waveform Analysis from Using Regular Rhythmic Timing**
Tristan Worsey
Senior Manager Digital Product Applications Global, Dyno Nobel - USA

TECHNICAL SESSION 7

- 1 1.30 pm **UAV-AI Framework for Inferring Subsurface Fragmentation Using AI-Modeled Surface Metrics**
Dr Sri Chandrahas Nidumukkala
Engineer - Strayos
- 2 2.00 pm **Dynamic Rock Mass vs. Static Intact Strength: Diving into the Scale-Rate Dilemma in Blast Design**
Ebrahim Fathi Salmi
Senior Mining Geomechanics Engineer - CSIRO
- 3 2.30 pm **Design of Blasting Patterns for Safe Excavation of Weir Foundation in Proximity of the Existing Structures within a Limited Time Bound – A Case Study**
Dr. C. Sawmliana
Scientist-G & HoS, CSIR - Central Institute of Mining and Fuel Research (CIMFR) - India

TECHNICAL SESSION 8

- 1 3.30 pm **Re-evaluation of Deflagration Testing of Permitted Emulsion Explosives**
Duncan Chalmers – *Senior Lecturer, Mining Engineering - Minerals, Energy and Resources Engineering, UNSW AUSTRALIA*
Miguel Araos – *Director - STX technologies*
Rob Nowell – *Underground Mining Consultant - Longwall Solutions Pty Ltd*
- 2 4.00 pm **The Influence of Mine Water on Blast Dynamics**
Trevor Little
Director and Principal Consultant - Blasting Geomechanics
- 3 4.30 pm **Partial Substitution of Fuel Oil with Fine Coal in ANFO: Blasting Performance Analysis and Conservation Impact in Indonesian Mines**
Azwin Harfansah – *Technical Services Engineer - PT DAHANA Indonesia*
Pantun Roma Parulian Siagian – *Shortterm Plan Engineer - PT Semesta Centramas*
Seto Purindraputro – *Warehouse Explosives Officer - PT Paramitha Cipta Sarana*
Kiflan Muzwar – *Production Supervisor - PT Paramitha Cipta Sarana*
- 4 5.00 pm **Conference Closing**

Event Sponsors

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Gold Sponsors



Conference Dinner Sponsor



Fireworks Sponsor



Coffee Cart Sponsors



Satchel Sponsor



Lanyard & Technical Session Sponsor



Happy Hour Sponsor



Arrival Networking Event Sponsors



Shotfirer of the Year Sponsor



Driller of the Year Sponsor

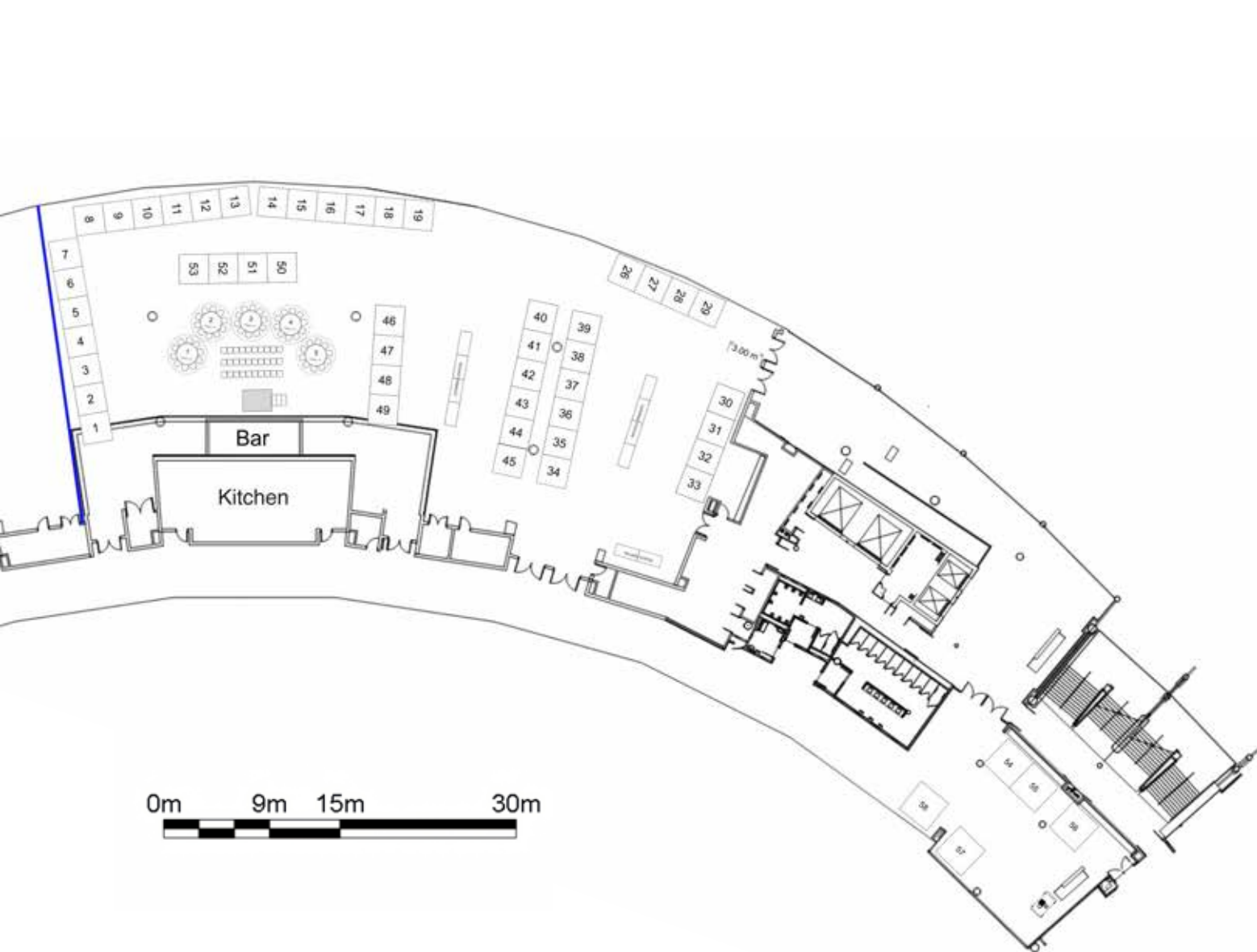


Event Exhibitors

Exhibition spaces have SOLD OUT but we still have sponsorship opportunities available. Please contact conference@iseeaustralia.org for a copy of the sponsorship prospectus.

Booth	Company
1	PR Polymers
2	Blastcon
3	Blastcon
4	CorePlan
5	International Mining Accessories
6	STX Technologies
7	Imdex
8	Aquirian Group
9	YAMAMOTO Rock Splitters - CSA
10	Benchmark Monitoring
11	Benchmark Monitoring
12	Ideagen
13	PT Dahana (Indonesia)
14	Martyn Mining Services
15	Protteam
16	Shockwave Gel Technologies
17	Diptek
18	Equipment Hub
19	MREL GROUP
20	Blast Ability
21	Perth Chemical Specialists
22	Arrowtail Precision
23	Action DB
24	O-Pitblast
25	ACA Training
26	Hyundai Everdigm Australia
27	Saros
28	DG Air
29	Australasian Mining Services
30	Oresome Products

Booth	Company
31	AEISG
32	Hanwha Mining Services Australia
33	Sigicom
34	MTi Group
35	MTi Group
36	BME
37	BME
38	Saros
39	Carlson Software Australia
40	LiveMine
41	LiveMine
42	QMR Blasting Analysis
43	Clariant
44	Platinum Blasting Services
45	Platinum Blasting Services
46	IEE Global
47	Cortex
48	Dyno Nobel
49	Orica
50	Maptek
51	iCutter
52	iCutter
53	Blast it Global
54	Deswik Mining Consultants Australia
55	Saphi Engineering
56	PETRA Data Science
57	Department of Local Government, Industry Regulation and Safety (LGIRS)
58	DNA Blast Group



About Us

The ISEE Australian Chapter is run entirely by volunteers as a not-for-profit Professional Society to give people in the Drill and Blast industry a forum to discuss and learn about new blasting techniques, standards, legislation, and technology. The Chapter was incorporated in September 2015. All funds stay in the Chapter, which are re-invested into our community through scholarships and sponsorship.

For more information regarding the ISEE, please go to iseeaustralia.org

Purpose

As a voice of the industry, ISEE Australia promotes diversity and respect amongst our community. We encourage the development of self, professional relationships, knowledge and skills.

Goals

1. Increase connection and engagement
2. Improved industry knowledge
3. Promote diversity within the industry
4. Advise policy makers
5. Best practice governance

ISEE Membership

ISEE Society Associate Membership is US\$150 and Full Membership is US\$115. To pay the member rate for the conference, complete the ISEE member application at <https://isee.org/membership> and use your membership number for the discounted conference rate (it will take up to 5 business days to receive your ISEE membership number).

When you sign up, nominate Australia as your chapter and you are automatically signed up as an ISEE Australian member for free on the Australian Chapter website at www.iseeaustralia.org

Joining the Australian Chapter will enable you to vote and nominate for the Chapter Board and help your industry body grow. Any questions relating to membership, please email team@iseeaustralia.org