



Australian Chapter

ISEE Australian Professional Chapter Newsletter September 2017



Dates to Remember

October 20

ISEE Chapter Meeting in
Perth, WA. Details to come.

November 20/21

3rd Annual Conference at
Novotel Twin Waters, QLD.

January 28—31

ISEE Annual Conference in
San Antonio, Texas, USA

2017 Annual Conference

This year's Annual Conference is shaping up to be another great event. We have had some great speakers from both Australia and Overseas submit presentations.

Whilst we are back on the Sunshine Coast of Queensland again this year, we are looking at venue's interstate for future conferences, including Western Australia and New South Wales.

We have had some wonderful companies take up the sponsorship opportunities again this year. Without these sponsors, we would not be able to offer such a great event at the price we do.

This is truly an industry event, hosted by an industry body.

If you only attend one Conference this year.....this should be the one.

See you in November!!

November 20 and 21

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About the International Society of Explosive Engineers

Mission

- To advance the science and art of explosives engineering.

Vision

- To serve society as a body of specialists and encourage service to the community where the skills of those who work with explosives can best be applied,
- To establish and strengthen working relationships with related national and international associations, government agencies, academic institutions, and allied societies having common or related objectives,
- To provide forums and media through which principles and techniques of explosives engineering may be reported, discussed, and published.
- To promote the professional development, competence, and qualifications of explosives engineers, practitioners, and those entering the field.

Australian Chapter Focus



The 4 Fundamentals

Safety

- Policy,
- Management System.

Focus on Society

- Student Membership,
- Sponsorship,
- Newsletter,
- ISEE Chapter Website,
- LinkedIn

Establish Regular Forums

- Meetings,
- Seminars/workshops,
- Conference.

Improve Professional Development

- Standardisation,
- Registered Engineers

July Chapter Meeting

The recent Chapter Meeting was held at the Hamilton Hotel in Brisbane on July 24th.

This was the first time we have used the Hamilton Hotel as a venue, which turned out to be a great location.

There were 24 attendees from a variety of suppliers and users.

Miguel Araos of Mining 3 was the first speaker of the evening. Miguel has recently been working with AN-free explosives in order to offer alternative raw materials for explosives manufacture.

The presentation certainly garnered many questions from the attendees.

We then had the Queensland Explosives Inspectorate there to discuss the explosives security audit project that the Inspectorate is currently undertaking. The Inspectorate also presented on the DVO, AVO situation and the ramifications for shotfirers.

The event was also a great opportunity for everyone to spend some time networking.

We are currently finalizing arrangements for the first Chapter meeting to be held in Perth, WA on October 20.

Plans are also underway to host a Chapter meeting in NSW early in the new year, most likely to be held in Singleton.



Sean Brady to present at 2017 Conference

Failure, Human Factors, and the Role of Implicit Assumption

Synopsis

The prevention of engineering failure, and indeed most forms of failure, requires not only knowledge of the technical issues that lead to past failures, but also an understanding of the role that 'human factors' play in creating an environment in which such technical issues can culminate in catastrophe.

This presentation examines both the technical and human factors that contribute to failure by discussing a number of recent catastrophic engineering failures. The role of human factors in these failures is discussed within the context of general failure theory, with a specific focus on the role of implicit assumption and expertise bias. Finally, techniques for utilising these human factor lessons in failure prevention are explored.

Sean Brady is the Managing Director of Brady Heywood (www.bradyheywood.com.au)

2017 Conference Delegates

Information for conference delegates will be sent out via email in the coming weeks. It will also be available on the website.

WWW.ISEEAUSTRALIA.ORG



The prices for this year's conference will stay the same as previous years.

As mentioned previously, the kind support of our sponsors helps the Chapter to provide a quality event every year, at an affordable price.

The conference is now in it's 3rd year, and we are hoping for increased attendance again.

The Conference Dinner on the Monday night will be our best yet, with a great band booked in for the event.



Advanced Initiating Systems





Australian Chapter

Committees

As we all know, volunteer organizations do not succeed without the assistance of the many individuals it takes to "keep the ball rolling".

The Chapter is moving towards establishing Committees to ensure projects, ideas or issues are investigated and managed in a prompt manner.

Each committee will have a Board Member as its chair, whom will report to the board when required.



There will be further information provided in the coming weeks regarding the committees that will require volunteers and also the requirements of the committee members.

All committee members have to be approved by the Chapter Board.

NB, you are NOT required to be an ISEE member to be part of a committee, however you will need understanding and commitment to serving within the vision of the Chapter.

**Volunteers
are not paid,

not because
they are
worthless,

but because
they are
priceless.**

Chapter Board Nominations

It has finally come to that time to get some fresh blood on the Board of Directors.

Most of the current board have served since the inception of the Chapter. It has been a long road, but we believe, a great base has been established, and the Chapter is ready to

start moving towards the ultimate goal of being a truly national Chapter.

The constitution is currently under review and will be amended to reflect the appropriate requirements whilst keeping in line with our obligations to retain our Chapter Charter, as well making it more

relevant for our Australian Chapter.

If you are interested in being a part of the Board, keep an eye for information being released soon.

NB, ISEE Australian Chapter Board Members are required to be ISEE members (USA).

Membership

**Become a part
of something
BIG.**

As an ISEE member, you will join others around the globe who share a passion for our industry as we pursue our mission to advance the science and art of explosives engineering.

Member Benefits include,

- Networking,
- Online Tools,
- Member Discounts,
- Section Membership options,
- Special Event Pricing,
- The Journal of Explosives Engineering,

- Membership Directory
- Access to all technical papers from 44 years of Annual Conferences
- Access to OneMine (coming soon)

<http://www.iseeaustralia.org/membership/>



Proposed Calendar of Events

2017

- October Chapter Meeting in Perth WA
- November Annual Conference in Queensland

2018

- February Chapter Meeting in Newcastle/Singleton NSW,
Board Meeting
- March Chapter Meeting in Brisbane Qld
- April Chapter Meeting in Perth WA
- May Shotfirer's Workshop in Blackwater Qld
Board Meeting
- July Chapter Meeting in Newcastle/Singleton NSW
- August Chapter Meeting in Brisbane Qld,
Board Meeting
- September Chapter Meeting in Perth WA
Shotfirer's Workshop in Newcastle/Singleton NSW
- November 4th Annual Conference and AGM (board meeting)



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BLASTING SERVICES



Australian Chapter

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Newmarket,
Queensland, 4051
Australia

ABN: 72 608 111 191

ISEE Australian Professional Chapter

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. All raised funds stay in the Chapter with the plan to provide sponsorships and student scholarships when possible.

The Chapter was incorporated in September 2015.

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

Officers

President— Evandri Wancik
Vice President—Tony Zoitsas
Vice President—Mike Higgins
Treasurer—Mark Dean
Secretary—Hubert Van Dalen

Directors

Mike Martin
Christine Grealy
Michael Wiseman
Justin Kobielusz
Italo Onederra

ISEE Goals

To maintain a strong organization structure that addresses the needs of all members.

To provide forums and media through which principles and techniques of explosives engineering may be reported, discussed and published.

To promote career development and encourage explosives engineering instruction in appropriate education curricula.

To serve society as a body of specialists and encourage service to the community where the skills of those who work with explosives can best be applied.

To educate policy makers about our industry and identify, monitor, report and respond to public policy issues affecting the explosives industry.

To promote the professional development, competence, and qualifications of explosives engineers, practitioners and those entering the field.

To establish and strengthen working relationships with related national and international associations, government agencies, academic institutions and allied societies having common or related objectives.

To promote a favorable public perception of explosives engineers and the contributions that they make to society.

To promote standardization of terminology, methods and regulations in explosives engineering.

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