

**NOTICE OF THE
36th ANNUAL GENERAL MEETING
AND TECHNICAL MEETING**

Insul Prediction Software: A Review and What is New in Version 7

by Peter Heinze, Marshall Day Acoustics, Adelaide

INSUL is a program developed by Marshall Day Acoustics for predicting the sound insulation of building elements and constructions including walls, floors, ceilings and windows and now sold and distributed worldwide. Development on INSUL started more than 15 years ago, based on research in the USA by Ben Sharp and others. It has gradually developed into a unique and powerful tool that incorporates the best of many research papers published over the last 20 years.

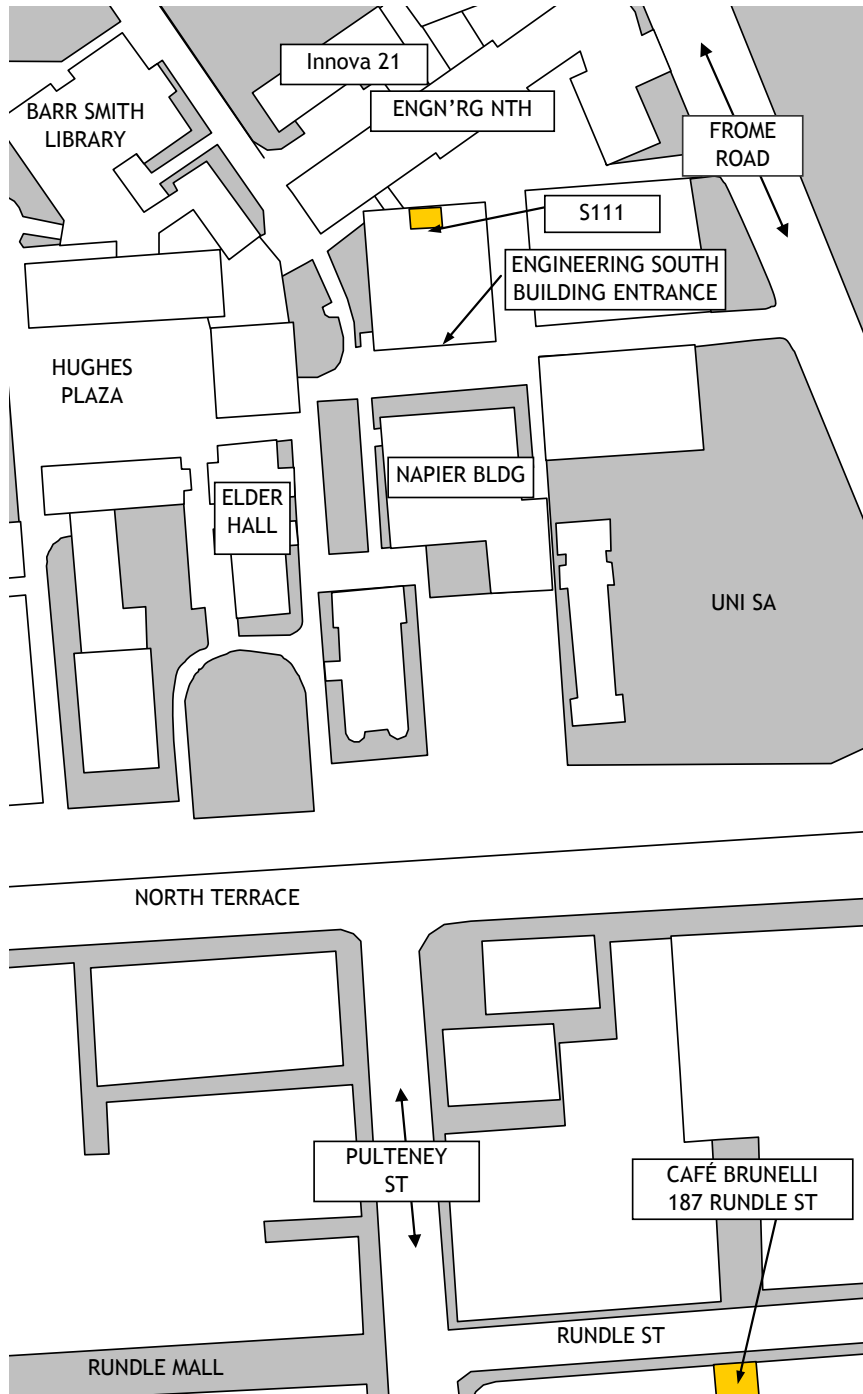
Version 6.4, released in late 2010, provided significant additional new features and predictive tools for INSUL users, including improvements to presentation of materials and customisation. V6.4 features, that will be briefly reviewed, include prediction of impact sound insulation of lightweight floors, inclusion of prediction of “sandwich” type panels, prediction of trapezoidal metal sheets, new Z girt frame type, and effect of porous blankets and facings. Existing features such as rainfall noise prediction, outdoor to indoor transmission calculation, and double and triple glazing are also discussed.

Over the past 1.8 years INSUL staff have undertaken further predictive software development and testing, and Peter will introduce the soon to be released Version 7.0. By example he will describe its new features including prediction of triple panel constructions, new materials editor, auralisation of sound level differences, free field incidence, new frame types and users own maintenance of database of materials.

The AGM and technical meeting will commence at 6:00pm. After the meeting you are encouraged to join us for friendly dinner and drinks at Caffè Brunelli - 187 Rundle St, starting at about 7:30pm.

DATE: Tuesday 4th September 2012
TIME: 6:00pm AGM followed by the Technical Presentation S111, 1st Floor Engineering South Building, University of Adelaide (See attached map)
7:30pm Dinner after the Technical Meeting, at Café Brunelli Rundle St.

Please RSVP using the punchbowl web site invitation, or email at: carl dot howard AT adelaide dot edu dot au, or telephone and leave a message on 8313-3469 to help us plan the event.





36th ANNUAL GENERAL MEETING

The 36th Annual General Meeting of the SA Division of the Australian Acoustical Society will be held at:

Date: 6:00 p.m. on Tuesday 4th September 2012,
Place: Room S111, 1st Floor Engineering South Building, The University of Adelaide, North Terrace Campus, Adelaide.

AGENDA

1. Apologies
2. Call for Proxies
3. Minutes of 35th AGM (attached)
4. Business Arising
5. Chair's Report
6. Treasurer's Report
7. Confirmation of Auditor
8. Secretary's Report
9. Registrar's Report
10. Election of Committee Members
11. Any other business
12. Closure



PROXY FORM

I,..... of
being a Member of the SA Division hereby appoint.....of.....
or, failing him/her.....of.....
as my proxy to vote for me on my behalf at the AGM of the SA Division to be held on
4th September 2012 commencing at 6:00 pm and at any adjournment thereof.

Signed this.....day of.....2012

Signature.....

Members may instruct their proxy on how they wish to vote or to vote as the proxy
considers fit.

COMMITTEE NOMINATION FORM

We, the undersigned, wish to nominate:

Name.....Membership Grade.....
Address

for election to the committee of the SA Division of the Australian Acoustical Society

Proposer: Name.....
Address.....
Signature.....

Seconder: Name.....
Address.....
Signature.....

I consent to this nomination:

Nominee's signature.....Date

Proxy forms and Committee nomination forms may be lodged by posting to
Darren Jurevicius, SA Division Secretary, AAS
C/- AECOM, L28, 91 King William Street, Adelaide, South Australia 5000,
or handed in at the AGM when called for by the Chair.



CALL FOR NOMINATIONS

DAVID BIES PRIZE IN ACOUSTICS

In recognition of the contributions of David Bies to the science, practice, and education in acoustics, the South Australian Division of the Australian Acoustical Society has established a Prize to recognise outstanding contributions in these areas.

The Prize is available each year and may be awarded to a member(s) of the Australian Acoustical Society who is/are an acoustical practitioner(s) in South Australia, or has/have a meritorious contribution to the discipline in South Australia.

Nominations can be made by writing to the committee to be received prior to the meeting on 4th September 2012, via

Darren Jurevicius, SA Division Secretary, AAS
C/- AECOM, L28, 91 King William Street, Adelaide, South Australia 5000.

More information can be obtained by visiting our web site:

<http://www.australianacousticalsociety.org.au/sa>

or by contacting the SA Division Secretary:

Darren Jurevicius
Telephone: (08) 7100 6400



Agenda Item 3. Minutes of 35th AGM

SOUTH AUSTRALIAN DIVISION 35th ANNUAL GENERAL MEETING Tuesday 27 October 2011, 6:00pm

Open

Meeting opened by Carl Howard at 6:05 pm.

Present

Stuart Page, Peter Heinze, Adrian Jones, David Bies, Carrie Bies, Carl Howard, Peter Swift, Byron Martin, Kerry Martin, Peter Teague, Valeri Lenchine, Jon Cooper, Simon Moore, Darren Jurevicius, Bojan Sevo, Tom Evans, Alireza Moazenahmad, Pouria Aryan, Md Ayub, Fred Zockel, Max Bull, Beau Ciccarell, David Gardner.

Apologies

Max Browne, Mike Price, Laura Brooks, Matthew Stead, Dave Rennison.

Call for Proxies

Nil

Minutes of 34th AGM

Accepted

Business Arising

Nil

Chair's Report

Carl Howard spoke to his report. Key points being;

- 4 meetings held during the last year,
- The Division provided sponsorship of \$850 to a final year student project,
- Congratulations to Peter Heinze on being elected as the Federal Chairman of the AAS,
- About 30 people attended the Christmas dinner, which was held at Regattas Bistro. At the dinner Byron Martin was honoured for his contributions to the SA Division.

Treasurer's Report

Simon Moore spoke to his report, and noted specifically:

- Income and expenditure for the year was approximately equal, with the deficit being only \$259.27.
- Current total balance of \$83,956.95 with the interest on this amount largely paying for the expenses of the division.

Confirmation of Auditor

The auditor this year will again be appointed by the Federal Treasurer, Geoff Barnes.



Registrar's Report

Valeri Lenchine noted that:

- Membership stands at 48 members, a small increase on the 46 from last year
- Three of the above members had not yet paid their subscriptions.

Election of Committee Members

No new nominations received and all previous committee members re-elected.

Existing members:

- Colin Hansen
- Carl Howard
- Peter Heinze
- Matthew Stead
- Valeri Lenchine
- Simon Moore
- Darren Jurevicius
- Jon Cooper
- Mike Kidner

Re-elected members:

- Byron Martin
- Peter Teague
- Laura Brooks

The positions of the elected committee members to be voted on and established at the first committee meeting following the AGM.

Other Business

No other business.

Closure

Meeting closed 6:25 pm.

To be followed by talk by Stuart Page from Resonance Technology. The topic of this talk is his work developing resonant pile driving and acoustic mine sweeping.



Agenda Item 5. Chair's Report

CHAIR'S REPORT
September 2011 to September 2012
Presented to the
91st Council Meeting of the Australian Acoustical Society, and the
36th Annual General Meeting of the SA Division of the Australian Acoustical Society

This will be my last report as chairperson as I will be resigning from the committee and travelling to New Zealand for several months. I was elected to the role of chairperson on 14 November 2007. During my tenure as chairperson I have promoted the objectives of the society (which are attached to my report) and as a committee we have been guided by these objectives in the responsible use of the division funds. Personally, I am passionate about these objectives:

- (a) To promote and advance acoustics in all its branches and to facilitate the exchange of information and ideas in relation thereto.
- (d) To promote education in acoustics for the public, and for technical or professional persons.
- (e) To encourage the study of acoustics, highlight excellence in acoustics and to improve and elevate the general and technical knowledge in any manner considered appropriate by the Society.
- (f) To publish material beneficial to the objectives of the Society.
- (g) To encourage research and the publication of new developments relating to acoustics.

We have established student sponsorship of acoustic projects, and financial support for undergraduate and post graduate students to travel to AAS conferences to present their research papers. We actively seek stimulating technical presentations for our members to attend and provide a social environment for members and non-members to meet. I have promoted acoustics as a science and potential career to undergraduate engineering students, published papers in the society's journal Acoustics Australia, and given presentations at the annual AAS conferences. In 2009 our division held the annual AAS conference where Anthony Zander and I organised the review of papers and produced the proceedings, and were part of the organising committee.

The conferences that our division organises have been well organised, covered many technically interesting topics and have been entertaining. We are fortunate that the next annual conference will be held in Adelaide in 2013, and Peter Heinze and Byron Martin will be the co-chairs.

Since the last AGM, there have been 3 technical meetings as follows:

- 11 October 2011: 'Big-time Acoustics or Vibration with a Purpose?' by Stewart Page, presented at the AGM.
- 22 November 2011: 'Insights to Ministers Specification: SA8 Construction requirements for the control of external Sound' by Darren Jurevicius, AECOM
- 19 July 2011: 'Overview of the Assessment and Compliance of Wind Farm Noise in Australia' by Peter Teague, VIPAC

There have been 4 committee meetings this past year held on (1) 11 October 2011, (2) 14 March 2012, (3) 17 July 2012, and (4) 4 August 2012.

On Friday 9th December 2011, the society held its annual Christmas dinner at the Red Ochre Grill Restaurant, War Memorial Drive, North Adelaide. There were about 30 people that attended.

On Thursday 14th June 2012, the society held a farewell dinner for Byron Martin and Peter Teague at Enzo's Ristorante, Hindmarsh. Peter and Byron have been active committee members for many years and have both provided enormous contributions to the society.

Thanks for all the support from our members and committee members that have made my tenure such an enjoyable experience.

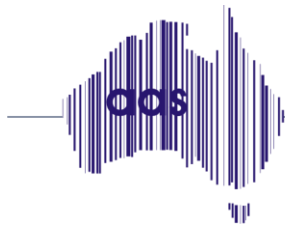
Dr. Carl Howard, Chair, SA Division, 20 August 2012



Extract from “MEMORANDUM OF ASSOCIATION OF THE AUSTRALIAN ACOUSTICAL SOCIETY”

3. The objectives for which the Society is established are:-

- (a) To promote and advance acoustics in all its branches and to facilitate the exchange of information and ideas in relation thereto.
- (b) To increase the confidence and trust of the community in persons with recognised qualifications in the field of acoustics and to assist this purpose to admit to full membership of the Society only such persons as shall in general have satisfied the Council of the Society that they have an adequate knowledge of acoustics.
- (c) To promote honest practice and to discourage malpractice by members of the Society, and to provide a means to settle disputed points of practice.
- (d) To promote education in acoustics for the public, and for technical or professional persons.
- (e) To encourage the study of acoustics, highlight excellence in acoustics and to improve and elevate the general and technical knowledge in any manner considered appropriate by the Society.
- (f) To publish material beneficial to the objectives of the Society.
- (g) To encourage research and the publication of new developments relating to acoustics.
- (h) To interact with other institutes, societies, associations, governments and government authorities.
- (i) To manage the assets and liabilities of the Society so as to further its objectives as permitted by law.
- (j) To promote the Society both nationally and internationally.
- (k) To accept gifts, bequests and donations of real and personal property and to use the same for any objective of the Society.
- (l) To do all such things as are incidental or conducive to the attainment of the above objectives and to the advancement of the interests of the Society and its members.



Agenda Item 6. Treasurer's Report

SA Division Treasurer: Simon Moore

Annual Report - 2012

	Balance at	21-Jun-11	\$83,956.95	
	Balance at	19-Jun-12	\$70,946.11	- \$13,010.84
INCOME				
	Cheque	\$1,184.57		
	CCMT / CIA	\$5,177.47		
	TOTAL	\$6,362.04		
EXPENDITURE				
	Cheque	\$18,353.88		
	CCMT	\$1,019.00		
	TOTAL	\$19,372.88		
			Surplus	- \$13,010.84

Major income and expenditure items listed below

Income

\$1,086.00 income from membership subscriptions

\$5,177.47 income from Commonwealth Investment Account (CIA) interest

Expenditure

\$1,897.50 spent on committee and technical meetings which included travel for David Bies to the technical meeting on 11 October 2011

\$5,016.90 spent on Christmas dinner and farewell dinner for Byron Martin and Peter Teague

\$1,400.00 spent on prizes

\$8,118.23 transfer to Federal Division for 15% of profit from the 2009 SA Conference

Agenda Item 7. Confirmation of Auditor

The auditor for the SA Division accounts will be organised by the Federal Treasurer, Geoff Barnes.

Agenda Item 8. Secretary report

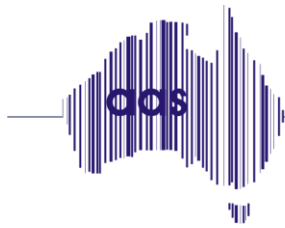
SA Division Secretary: Darren Jurevicius

External correspondence with the society this year was minimal, where the queries received were generally in relation to processing of membership issues.

Internal correspondence (Federal to SA Division) was generally directed toward housekeeping and membership issues, summarised as follows:

- All divisions should use a standard format for divisional reports. A word template was provided.
- Divisional Committees are to notify the Webmaster when Technical meetings are to be held so that these can be posted under Divisional notices. There is also the facility to post presentations made at Technical meetings in various formats on the website for access by interstate members on a time limited basis eg. 2 months.
- Divisional Secretaries are encouraged to use the Divisional mailing lists on the website to contact their members to avoid duplication.
- Various membership clarifications and removals, noting that a number of members are not paying annual fees.

Darren Jurevicius, Secretary, SA Division, 20 August 2012



Agenda Item 9. Registrar's Report

SA Division Registrar: Matthew Stead

The SA division at 14 August 2012 had 53 members, consisting of the following breakdown:

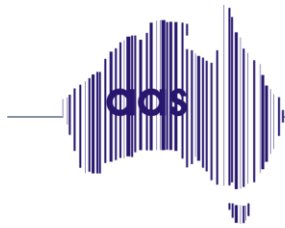
Category	Number
Members	38
Students	5
Associates	0
Fellows	2
Graduates	3
Subscribers	5
TOTAL	53

The membership status over the past 7 years is shown below:

Year	Members
2006	48
2007	49
2008	49
2009	44
2010	46
2011	48
2012	53

There was a significant increase in student membership. Most categories have maintained reasonably static numbers. Overall there was a growth of 8% with 4 new members.

Matthew Stead, AAS Registrar – SA Division.



Agenda Item 10. Election of Committee Members

The AAS Committee members are re-elected every two years. The current AAS committee members listed below are standing for re-election:

Members standing for re-election:

Jonathan Cooper
Colin Hansen
Peter Heinze
Darren Jurevicius
Valeri Lenchine
Simon Moore
Matthew Stead

Note that Carl Howard is not standing for re-election as he is resigning from the committee. The following committee members were re-elected in 2011 and are continuing their membership on AAS SA Division committee:

Current committee members (continuing):

Laura Brooks
Byron Martin

Note that Peter Teague is not a continuing committee member as he has resigned from the committee and moved interstate.

At the first committee meeting following the AGM, the positions of the elected committee members are voted and established. For the 2011-2012 year, the Office Bearers were as follows (as reported in minutes of meeting 11 October 2011):

Chairman	Carl Howard
Vice-Chairman	Byron Martin
Treasurer	Simon Moore
Secretary	Darren Jurevicius
Minutes Secretary	Jonathan Cooper
Registrar	Matthew Stead
Federal Councillors	Matthew Stead Peter Heinze
Public Relations	Carl Howard
Acoustics Australia Reporter	Laura Brooks
Membership Grading	Whole Committee
Archivist	Abandoned
Committee Members	Colin Hansen Peter Teague Valeri Lenchine