



LSAA 2011 Conference

'Collaborative Design of Lightweight Structures'

Sydney, October 13-14 2011

In conjunction with a

Technical Workshop

'Design Principles for Tensioned Shadecloth Structures'

October 12 2011

Supported by Engineers Australia

SPONSORSHIP OPPORTUNITIES

The Lightweight Structures Association of Australasia (LSAA) is a not for profit Association for members with a passion for designing, fabricating, constructing and supplying materials and components for a range of lightweight structures. The LSAA was created initially as the Membrane Structures Association (MSAA) in 1981 when tensioned fabric structures were in their infancy in Australia. In 1994 the MSAA widened its scope to include other structural materials and structural forms such as cablenets, cable supported roofs, steel arches, high tech glazing wall facades and roofs.

LSAA 2011 is a national conference and is part of a series of bi-annual conferences, which commenced with the international conference on lightweight structures LSA86 and again as LSA98, held in Sydney. Preceding and recent events have been very successful at attracting the cream of architects, engineers, contractors and material suppliers involved in lightweight structures across Australia and Overseas.



ENGINEERS
AUSTRALIA

LSAA

LIGHTWEIGHT STRUCTURES ASSOCIATION OF AUSTRALASIA INC.

When LSAA started nearly 30 years ago, our lightweight structures industry was in its infancy and we developed our designs and fabrication with very little assistance from technology. Today, our members can stand proud on the world stage and regularly design and construct significant lightweight structures in all parts of the globe using advanced computer based technology for communication, form-finding, structural analysis, patterning, environmental simulation and manufacture.

Typical structures of interest are shown in the pictures in this document. They are typically large clear spans over public spaces. They require a deep understanding of structural behaviour and form to create exciting 3D curved spaces where often the structure is the main load supporting system as well as the environmental barrier.

The unique characteristics of such applications – stadia, transport hubs, exhibition spaces, clear span environmental protection – requires an added degree of collaborative design input to be successful. It is also a feature of these structures that the design details are exposed, very variable in 3D geometry and visible which in turn demands an extra level of design input. There is normally specialized expertise needed for the erection or assembly of such delicate but graceful structures.

Iconic Lightweight Structures therefore will only be deemed successful if there is a truly collaborative design team that includes the end client, project managers, architects, engineers (structural and for services in particular), specialized suppliers of high tech fabrics, cables, anchorages, glazing and other components.

Many solutions – particularly those involving architectural fabrics and cable supporting systems – will be prestressed and as such skilled installers are needed and their input is critical early in the design process.

More and more, these team members will need to communicate and build up a 3D virtual structure from which all members can both visualize the details, determine stresses and erection sequencing as well as provide costings and assurances that there are no clashes when constructed. This requires the different software systems to adhere to interoperability standards to reduce errors. The current Building Information Model software concepts and various related standards for information storage are seen to be central to the efficient working of the design team and the final realization of the project. This virtual model should be capable of simulating erection and be available for ongoing asset management of the facility.

Within this context LSAA 2011 will provide an overview of recent major lightweight structures constructed in Australia complemented by papers on selected projects from overseas. In addition, the program will provide informative addresses on topics of particular interest to designers, suppliers, project managers, estimators, end clients and builders of these structures who intend to build a competitive position in a global market.

A copy of the preliminary program is attached for your reference. In addition to these presentations, there will be an exhibition featuring displays of companies' services/products as well as recent developments in the lightweight structures and computer technology.



This year the Association will be conducting a **Pre-Conference one day Workshop** “Design Principles for Tensioned Shadecloth Structures” as well as a **2 day Conference**, ‘Collaborative Design of Lightweight Structures’, incorporating a **Design Awards** competition with the presentation of the awards being included in the **Conference Dinner**.

Attached is an overview of the sponsorship opportunities available at LSAA 2011. Please review these opportunities and contact LSAA 2011 Conference Secretariat with your acceptance – or potential interest - at your earliest convenience.

The LSAA will be updated on a regular basis.

Website: www.LSAA.org

Conference Information email: conference@lsaa.org

Sponsorship of the LSAA 2011 Conference will provide participating organizations with the opportunity to:

- Increase the awareness of their services and products amongst designers, specifiers and contractors.
- Promote services and products to an audience that is influential in the market.
- Be seen as a supporter of the Australasian building industry in an area that is growing and has considerable potential for the export of services and products.

There are a number of sponsorship opportunities commencing with the Pre-Conference Workshop, the Main Conference, Design Awards and Dinner



Pre-Conference one day Workshop

'Design Principles for Tensioned Shadecloth Structures'

October 12, 2011

MAJOR WORKSHOP SPONSORS

Two Packages Available (Morning & Afternoon)

Investment \$3000 Each

Major Sponsors of the LSAA 2011 Workshop will receive the following benefits:

- Acknowledgement as the Major Workshop Sponsor of the morning/afternoon/ workshop in all conference publicity.
- An opportunity to be part of the opening session of the morning/afternoon sessions sponsorship.
- One complimentary exhibition space for the workshop
- A full page advertisement in workshop program and acknowledgement on front of program.
- Inclusion of company brochure in conference satchel.
- Prominent display of corporate logo at the workshop venue
- Two complimentary registrations to the workshop.

MINOR WORKSHOP SPONSORS

Five Packages Available

Investment \$1300 Each

Minor Sponsors of the LSAA 2011 Workshop will receive the following benefits:

- Acknowledgement at the workshop.
- One complimentary exhibition space for the workshop
- Acknowledgement in the program.
- Inclusion of company brochure in conference satchel
- One complimentary workshop registration.

EXHIBITORS - WORKSHOP

Eight Packages Available

Investment \$500 Each

- One complimentary exhibition space for the workshop. Supply own display.
- Acknowledgement at the workshop



Pre-Conference one day Workshop

SPONSORSHIP APPLICATION

We wish to secure our involvement in the LSAA 2011 Workshop as a:

- | | | |
|--------------------------|---|----------|
| <input type="checkbox"/> | Major Sponsor – Pre Conference Workshop | A\$3,000 |
| <input type="checkbox"/> | Minor Sponsor | A\$1,300 |
| <input type="checkbox"/> | Exhibitor | A\$500 |

Company Name: _____

Address: _____

Website: _____

Phone: Fax: _____

Email: _____

Contact Name: _____

Signature: Date: _____

Please e-mail your application to: 2011 LSAA Conference Convenor – Peter Kneen
conference@lsaa.org Phone. +612 9570 6100

Please note that the LSAA is an incorporated association under the Associations Incorporation Act, 1984 (NSW). As we are a "Not for Profit" Organization with an annual turnover not exceeding \$100,000, there is no requirement for us to register (or thus collect) for the GST.



LSAA 2011 Conference

Collaborative Design of lightweight Structures

October 13-14, 2011

GOLD CONFERENCE SPONSOR

Two Packages Available

Investment \$5,000 Each

The LSAA 2011 Gold Sponsors will receive the following benefits:

- Acknowledgement as the Gold Conference Sponsor in all conference publicity.
- Opportunity to make a short address at the start of one of the Conference days.
- Corporate logo and website link featured throughout all promotional material.
- Advertisement in Awards promotional material.
- Two complimentary full conference registrations (inc. Awards Dinner).
- Prominent display of corporate logo at the event.
- Inclusion of company brochure in conference satchel.
- One complimentary exhibition space.

SILVER CONFERENCE SPONSOR

Five Packages Available

Investment \$3,000 Each

These Silver Sponsors of the LSAA 2011 Conference will receive the following benefits:

- Acknowledgement as Silver Conference Sponsor in all conference publicity.
- Acknowledgement as Silver Conference Sponsors on the days.
- One complimentary full conference registration (inc. Awards Dinner).
- Display of corporate logo at the conference venue.
- Inclusion of company brochure in conference satchel.
- One complimentary exhibition space.

EXHIBITORS – CONFERENCE

Eight Packages Available

Investment \$1,500 Each

- One complimentary exhibition space
- Supply of own exhibition stand. Dressed tables and chair can be supplied



CONFERENCE DINNER AND DESIGN AWARDS SPONSOR

Single Package Available

Investment \$5,000

The Conference Dinner and Design Awards Sponsor will receive the following benefits:

- Acknowledgement as the Conference Dinner and Design Awards Sponsor at the dinner.
- Opportunity to make a short address at the start of the dinner.
- Corporate logo and website link featured on the menu.
- One complimentary full conference registration (inc. Awards Dinner).
- Three complimentary dinner registrations.
- Prominent display of corporate logo at the Conference Dinner.
- Inclusion of company brochure in conference satchel.
- Inclusion of corporate logo in the Awards Presentation.
- One complimentary exhibition space.



LSAA 2011 Conference and Design Awards

“Collaborative Design in Lightweight Structures”
SPONSORSHIP APPLICATION

We wish to secure our involvement in the LSAA 2011 Conference as a:

- | | | |
|--------------------------|--------------------------------------|----------|
| <input type="checkbox"/> | Gold Sponsor – Day 1 or Day 2 | A\$5,000 |
| <input type="checkbox"/> | Silver Sponsor – Day 1 or Day 2 | A\$3,000 |
| <input type="checkbox"/> | Conference Dinner and Awards Sponsor | A\$5,000 |
| <input type="checkbox"/> | Exhibitor | A\$1,500 |

Company Name: _____

Address: _____

Website: _____

Phone: Fax: _____

Email: _____

Contact Name: _____

Signature: Date: _____

Sponsors will receive a Tax Invoice from the LSAA for the full sponsorship amount on receipt of commitment.

Please e-mail your application to: 2011 LSAA Conference Convenor – Peter Kneen
conference@lsaa.org Phone. +612 9570 6100

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