

## 2007 LSAA DESIGN AWARDS

### INVITATION FOR ENTRIES

The Lightweight Structures Association of Australasia (LSAA) invites entries for the 2007 LSAA Design Awards given in recognition of excellence in design, construction and application of Lightweight Structures.

Entries in four categories are invited from individuals, companies and institutions. LSAA members and non-members may enter.

### CATEGORIES

Awards will be presented in the following categories:

- 1 **SMALL STRUCTURES**  
Project area < 250m<sup>2</sup>
- 2 **MEDIUM STRUCTURES**  
Project area between 250m<sup>2</sup> and 1,000m<sup>2</sup>
- 3 **LARGE STRUCTURES**  
Project area exceeds 1,000m<sup>2</sup>
- 4 **SPECIAL APPLICATIONS**  
Includes applications of lightweight structures used in an interior environment, manufactured as a product, and can be either temporary, demountable, relocatable or permanent structures. (Shade, interior structures, shelter structures, vehicles, and furniture are typical examples).

*Note: The judges reserve the right to determine or change the category classification for any particular entry. Each entry will be considered in one category only.*

### ENTRY CONDITIONS

Entries must be Lightweight Structures which may be an entire building structure (for instance an exhibition building) or a component of a building (for instance an atrium roof in a shopping complex). Structures may be of permanent or temporary use and may be constructed from any material.

Typical Lightweight Structures include: membrane structures (prestressed tent and air-structures), glazing structures, space frame, cable, shell, monocoque and folded structures as well as arched and stayed structures in metals (steel, aluminium), timber, concrete, fabric and foils, plastics and composites.

The following design criteria are typical of lightweight structures:

- the shape of the structure is determined through an optimisation process, such as a particular load case (selfweight, wind etc) and other parameters (environmental and/or energy control etc.)
- the structure seeks to minimise material usage.

### ENTRY RULES

An entrant may submit any number of additional entries. A particular project may only be entered once (ie. either by the Architect, Engineer, Designer, etc). Entries must be of predominantly Australasian origin or content.

To be eligible for entry, the project must have been completed during the 48-month period prior to the submission date for the awards. (Design concepts, feasibility studies or proposals, or partly completed projects cannot be entered.)

Entrants will retain all rights to the entries submitted, except that the LSAA may use any entry for publication, educational material and/or to promote the aims of the Awards or the Association. It shall be the responsibility of the entrants to protect their design by copyright or patent. The entrant shall bear the costs of transporting entries for the purpose of judging, and return to the entrant, and the costs relating to insurance of entries during transport or judging.

The decision of the judges will be final. No correspondence will be entered into. In the event of a decision being unable to be reached in any category, or lack of entries with sufficient merit, the judges may divide, reduce, or withhold awards at their absolute discretion. Receipt of an entry will be deemed to mean acceptance of the Entry Rules by the entrant.

### JUDGING

A multidiscipline panel of independent judges will judge the awards.

The judging panel will assess entries according to the following criteria:

- Compliance with the entry conditions
- Overall quality of the design against the stated design brief
- Functionality for the stated purpose
- Overall quality of the execution of the design (choice of materials, construction & detailing)
- Innovation from a design, material use, construction technology etc viewpoint
- Economy of the executed design (use of materials, energy use, maintenance, establishment cost)
- Degree of effectiveness in collaboration between team members vs. the quality of the executed outcome
- Aesthetic quality of the executed design

## ENTRIES

Complete entries will comprise the following:-

- Completed Entry Form - Parts A & B
- High resolution colour digital photographs
- Entry Form Questionnaire Part C (optional)
- Additional information, photos, CD (optional)
- Registration fee

### ENTRY FORM

<b>Part A</b>	Provides name and details of entrant and other credits. (Not given to judges.) Must also declare that Copyright clearance has been obtained and that LSAA may use the information for publication or educational material
<b>Part B</b>	Shows entry identification number and entry details for judging.
<b>Part C</b>	Optional questionnaire

Entry forms may be obtained from the website [www.lsaa.org](http://www.lsaa.org) or by contacting the Awards Convenor.

### ENTRY IDENTIFICATION

Each entrant is to choose a four-digit number and show this number at the top right hand corner of each page of the entry and on each slide frame submitted. The first digit of this number should identify the category, ie. 2XXX for Category 2, Medium Structures. Two further digits will be added by the Design Award convenor to ensure entries are uniquely identified.

Digital image filenames are to start with the same 4 digits with a 3 letter extension (jpg, tif) to indicate the image format. Images are to be in PC format

### HIGH RESOLUTION COLOUR PHOTOGRAPHS

Design Awards entries and winners are published in a full colour brochure, this means that reproduction quality images are required. At least seven colour digital images of reproduction (by printing) quality are to be submitted with each entry. Images must be clear, sharp and true to colour and of at least 2048x1536 pixel resolution (Tiff preferred, second choice is highest quality JPEG). Images are to illustrate the building or structure fully within its environment setting and are to include the following:

- at least three (3) images of the exterior of the building/structure showing its setting from different angles;
- at least two (2) image of the interior of the building/structure showing clearly the quality of the overall internal space;
- at least two (2) images of close-up details showing the quality of execution. Long distance or fuzzy shots with no detail visible will be considered adversely during judging.

### ADDITIONAL INFORMATION

In addition to the reproduction quality digital images detailed above, entrants may submit additional images (no more than 20 per entry) in electronic format on CD or printed images to assist the judges overall appreciation of the entry. Entrants are encouraged to provide additional information, such as drawings, technical notes, as well as the Optional Questionnaire Part C of the entry form to aide the judges. A maximum of ten (10) pages of additional information may be submitted and entrants are to provide them in A3 or A4 format in an unsecured PDF format. (CAD files will only be accepted in PDF form without any means of identification.)

### ENTRY FEES

Any number of entries may be submitted by an entrant. All entries must be accompanied by a Registration Fee:

	Fee per entry
LSAA Members	A\$100
Non-Members	A\$200

Cheques payable to "2007 LSAA Design Awards"

### PRIZES, PRESENTATION & PUBLICITY

Up to three overall Awards of Excellence, plus Citations of Merit in each category will be issued at the discretion of the judges. The Design Awards will be presented at the LSAA 2007 Conference Dinner on Thursday 25<sup>th</sup> October 2007 at the Crowne Plaza, Gold Coast. The appropriate media will be notified and provided with details of the awards.

### SUBMISSION DATE

All entries must be complete and hardcopy and electronic copies are to reach the Awards Convenor **NO LATER THAN FRIDAY, 7<sup>th</sup> SEPTEMBER 2007.**

### 2007 AWARDS CONVENOR

2007 LSAA Design Awards Convenor  
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**LATE ENTRIES WILL NOT BE ACCEPTED**