

*The* **Institution**  
*of* **Structural**  
**Engineers**



**Structural Awards** 2018  
**Entry guide**

# Structural Awards 2018

## Entry guide

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# Introduction

For over 50 years the Structural Awards have celebrated the role of structural engineers as innovative, creative design professionals and showcased the most outstanding structural engineering accomplishments from around the world.

The annual event is hosted by The Institution of Structural Engineers, the world's largest membership body dedicated to the art and science of structural engineering.

From small-scale extensions to new iconic structures, the Awards celebrate the accomplishments of the industry's most innovative structural designers - culminating in the award of The Supreme Award for Structural Engineering Excellence. Many famous structures have been awarded this ultimate accolade including: British Airways i360 at Brighton; The Singapore Sports Hub; Glass Lantern, Apple Zorlu in Turkey; Taizhou Bridge in China and the London 2012 Velodrome.

## Key dates 2018

Monday 22 January	Entries open
Monday 23 April	Closing date for entries
Wednesday 1 August	Shortlisted announced/ticket sales open
Friday 16 November	Structural Awards 2018 Ceremony

# How to Enter

There are three parts to the submission process. All three parts must be completed in full before the deadline:

## **PART ONE: Online entry form**

The following information must be provided to complete your Part One [entry form](#):

Structural engineers

- Company name
- Location
- Contact details
- Institution member representative details

Project information

- Project name
- Location
- Brief description
- Date of completion
- Cost
- Five facts about your project that may be of interest to the general public

Client details

- Name
- Contact details

Supporting contractors information

- Principal contractor
- Architect
- Key contributing contractors: role in project and company name

Please note that it is not possible to save an incomplete form. You must complete all fields and submit without leaving the page.

Once you have completed the entry form, you will receive a unique Entry ID. Please make note of this as you will need it for the later stages of submission.

Please ensure that the information you provide is accurate as The Institution of Structural Engineers will include the content online and in print for shortlisted projects. The Institution of Structural Engineers accepts no liability for any inaccurate information submitted.

Please ensure you have gained permission from all involved parties before starting your submission.

## **PART TWO: Illustrated report and supporting imagery**

You will need to submit an illustrated report describing your project and including further photos and drawings to support your submission.

- The illustrated report should respond to each of the judging criteria (as outlined on page 6).
- The final report must be a maximum of 1500 words and no more than 6 pages (single-sided) in an A4 PDF file.
- Where more than six pages are submitted any additional pages will not be considered by the judges.
- Where possible, please include relevant metrics such as tonnes/metres, cost per square metre, total floor area and other data considered relevant to the project.

Please also submit the following:

- A minimum of six high quality photographs. Maximum file size per image of 10MB. Each image must be uploaded as single image files.
- At least two full-page engineering drawings showing the general arrangement and typical sections and/or details of the structure (with dimensions and notes legible when printed at A4).
- Any video files or links to video files that provide context for the project.

Please note that both media files (jpeg/png etc.) and the illustrated report should be clearly labelled with any desired credits. All media submitted must be cleared for use across all communications by The Institution of Structural Engineers. The responsibility for obtaining and securing this permission rests with the Awards applicant.

Please submit your files to [events@istructe.org](mailto:events@istructe.org) using [wettransfer.com](https://wettransfer.com) and ensure the Entry ID is stated.

If your project is shortlisted, additional high-resolution images and drawings may be requested for presentation and promotional purposes.

## **PART THREE: Pay the entry fee**

The entry fee per project is £290 + VAT. Payment must be received before the deadline.

Make payment [here](#).

Please note that entry fees are non-refundable.

# Judging

The judging process comprises of three stages.

- Firstly, a panel of eminent judges independently review all entries and award points based on the judging criteria.
- The highest scoring entries are then evaluated by a 'sitting judging panel' to establish the shortlist.
- Finally, an invited judging panel meet to decide category winners. The final judging panel is comprised only of judges who do not have a potential conflict of interest with any of the shortlisted projects.

## Judging criteria

Judging of each project will rely solely on the illustrated report and supporting imagery submitted.

Submissions should focus on the structural engineering characteristics of the project. The judges will be asked to review entries against the following criteria:

- Excellence: characteristics that place the structural engineering solution well beyond the ordinary, including demonstrable examples of how the structural design enabled the project to meet or exceed the client's expectations.
- Creativity and innovation: examples of originality and the application of new and improved technologies and processes in the structural design, particularly where these have led to greater efficiency and economy in the solution,
- Elegance and detailing: engineering structures which demonstrate technical and/or visual elegance, including in the attention to detail, or which contribute to the elegance of the overall design solution.
- Sustainability: structural solutions which implement sustainable techniques and technologies, as demonstrated through efficiency, the specification of materials, recycling and reuse, socio-economic factors, carbon reduction and other factors.
- Value: economic viability and value for money in the structural solution, as well as non-financial indicators of value.

# Award Categories

Projects may be submitted under any one or two of the following twelve principal categories.

The categories have been designed to place a strong emphasis on the structural characteristics of a project, rather than the type of structure.

Entrants should identify their chosen category or categories (up to a maximum of two per project) on the Part 1 entry form.

The judges reserve the right to re-allocate projects to different categories if considered more appropriate.

## The Award for Tall or Slender Structures

Awarded for structural engineering excellence in projects where height or slenderness presents a particular structural challenge in the design and construction.

## The Award for Long Span Structures

Awarded for structural engineering excellence in buildings (not bridges) incorporating particularly long spans, relative to the proportions of the structure.

## The Award for Vehicle Bridges

Awarded for excellence in the design of bridges carrying highways and/or railways.

## The Award for Pedestrian Bridges

Awarded for excellence in the design of pedestrian and/or cycle bridges, or other lightweight bridge structures.

## The Award for Small Projects (of under £1 million)

Awarded for excellence in the structural design of projects with a construction cost of less than one million pounds, including art structures and sculptures.

## The Award for Small Projects (of between £1-3 million)

Awarded for excellence in the structural design of projects with a construction cost of between one and three million pounds, including art structures and sculptures.

## The Award for Structures in Extreme Conditions

Awarded for excellence in the design of structures subject to extreme actions, including marine and offshore structures and those in seismic zones, or involving unusually complex interactions with the ground and/or particularly challenging foundations.

## The Award for Structural Heritage

Awarded for excellence in structural design where important heritage characteristics of the original structure are maintained through appropriate restoration, conservation, extension or refurbishment.

## **The Award for Structural Transformation**

Awarded to projects demonstrating structural engineering excellence in the transformation, extension, renovation or rehabilitation of an existing building or structure.

## **The Award for Construction Innovation**

Awarded to projects demonstrating structural engineering excellence in the innovative use of construction materials or processes.

## **The Award for Construction Integration**

Awarded to projects demonstrating excellence in the interaction between the structural design and the construction scheme where this represents a significant feature of the structural solution.

## **The Award for Structural Artistry**

Awarded to projects in which what could otherwise have been an adequate and worthy solution has been transformed by the vision and skill of the structural engineer into something exceptional.

In addition, the judges will consider all entries for the following special awards:

## **The Award for Sustainability**

Awarded to projects which demonstrate outstanding commitment to sustainability and respect for the environment in the structural design.

## **The Award for Outstanding Value**

Awarded to projects where the structural engineering solution has resulted in significant savings for the client, or has delivered best value in some other way.

The evening concludes with the Awards' ultimate accolade:

## **The Supreme Award for Structural Engineering Excellence**

Awarded to the finest example of excellence in structural engineering design - selected by the judges from the winners of the twelve principal award categories.

# Terms and Conditions

To enter your project(s) to the Structural Awards 2018, your submission must adhere to the following terms and conditions:

1. Your complete entry (Part One entry form, Part Two report and imagery and Part Three payment) must be received by the final closing deadline of 17:00 BST on Monday 23 April 2018.
2. Entries may be submitted by any company involved in the project, but the named project representative must be a member of The Institution of Structural Engineers
3. All members of the project team, including the client must have given consent for the project to be entered into the competition.
4. The project must be completed or due for completion between 15 April 2017 and 16 April 2018.
5. Entry forms will only be accepted via our website proforma. All submission documents must be submitted via the upload page (visible once your entry form is submitted). Submissions provided on CD / DVD will not be accepted.
6. Your illustrated report must total no more than 1500 words and six A4 pages. Any pages thereafter will not be considered by the judging panel.
7. Your project will be considered in a maximum of two categories. The 2018 judging panel reserve the right to reallocate entries to more appropriate or additional categories.
8. All project accreditation between project team members has been agreed prior to making the submission – please note that if a discrepancy arises between project team members, the project will be ineligible for consideration until the issue is resolved.
9. The judges' decision on all shortlisted entries and winners is final. It is not possible to provide individual feedback for entries that are not shortlisted. The judges reserve the right to make no awards within categories should entries be deemed unsuitable.
10. Information submitted and photographic copyright of any project images will remain with the authors. Image files and illustrated reports must be clearly marked in order for authors to be credited. However, by submitting an entry you consent to The Institution of Structural Engineers use all of the submitted media in any of its communications. This may include, but is not limited to, print and digital marketing, PR and exhibition purposes. We may allow third parties (e.g. journalists) to use such works for the purposes of promoting. If copyright of any images belongs to another party then this must be clearly stated in your submission and images.

# Contact

If you have a query about your application or wish to attend the Awards ceremony please contact the Events Team:

EMAIL: [events@istructe.org](mailto:events@istructe.org)

TELEPHONE: +44 (0)20 7201 9824 ext. 0274

If you have a media enquiry, please contact the Institution of Structural Engineers PR Team, who will be happy to provide you with images and information concerning the Awards, and arrange interviews with judges and award-winning project teams.

EMAIL: [pr@istructe.org](mailto:pr@istructe.org)

TELEPHONE: +44 (0)20 7201 9112

For sponsorship enquires please contact the Commercial Team:

EMAIL: [Peter.Welland@istructe.org](mailto:Peter.Welland@istructe.org)

TELEPHONE: +44 (0)20 7201 9103 ext. 0203

Alternatively, you may wish to also review our [FAQs](#) for further guidance in your submission.