

## JOINT STRUCTURAL DIVISION

Ir LEUNG Kwok-tung, JP  
JSD Chairman

### Structural Excellence Award 2017

#### INVITATION OF ENTRY

The Joint Structural Division (JSD) of the Hong Kong Institution of Engineers - the Structural Division and the Institution of Structural Engineers would like to invite entries of outstanding structures and researches for participation in the Structural Excellence Award 2017.

Same as last year, the Structural Excellence Award has two separate groups for the Residential Projects and Non-Residential Projects to encourage participation of more small to medium sized projects, and "Research and Development (R&D) Award" aiming to promote excellence in structural engineering through research and application.

#### CATEGORIES OF AWARD

Award categories include Grand Award, Commendation Award and Finalist. Grand Award will be presented to the most distinguished project(s) and R&D as follows:

##### I. Project Award

Hong Kong projects with the following six sub-categories:

- Residential (construction cost on or less than HK\$ 500 million)
- Residential (construction cost more than HK\$ 500 million)
- Non-Residential (construction cost on or less than HK\$ 500 million)
- Non-Residential (construction cost more than HK\$ 500 million)
- Heritage
- Infrastructures and Footbridges

and Mainland (including Macau & Taiwan) / Overseas project(s).

##### II. R&D Award

Research paper shall be related to the application of structural engineering in building / infrastructure. There is no sub-category under R&D Award.

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### ELIGIBILITY

#### **Project Award - Hong Kong Projects (with six sub-categories)**

1. At least one key member of the project team must be a member of the Hong Kong Institution of Engineers - Structural Division or the Institution of Structural Engineers (IStructE).
2. Nominated projects must be within the territorial limit of the Hong Kong Special Administrative Region and must possess an Occupation Permit or Completion Certificate (if government projects) issued on or between **1 January 2015 and 31 December 2016**.

#### **Project Award - Mainland (including Macau & Taiwan) / Overseas Projects**

1. At least one key member of the project team must be a member of the Hong Kong Institution of Engineers - Structural Division or the IStructE.
2. Nominated projects must be outside the territorial limit of the Hong Kong Special Administrative Region and must be led by Hong Kong based structural engineering firms. The project's conceptual design must be done by structural engineering firm with headquarters or regional headquarters in Hong Kong.
3. Nominated projects must be practically completed on or between **1 January 2015 and 31 December 2016**.

#### **R&D Award**

1. The applicant must be a member of the Hong Kong Institution of Engineers – Structural Division or the IStructE.
2. Nominated research paper must be written in English.
3. Nominated research paper must be issued in authoritative journal(s) on or between **1 January 2015 and 31 December 2016**.
4. Each applicant **can submit more than one application**.

### JUDGING CRITERIA

The Jury Panel will determine the award winners, taking into consideration of the following criteria:

#### **For Project Award,**

- Aesthetics
- Engineering Approach
- Integration (i.e. Structural Design Integrated with Design of Other Disciplines)
- Economy
- Innovation and creativity

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- Safety
- Buildability & Constructability
- Fire Engineering
- Unusual Features
- Energy Efficiency
- Environmental Friendliness
- Sustainability
- Serviceability

### For R&D Award,

- Innovation / Originality
- Engineering Application
- Sustainability
- Theoretical Background

## NOMINATION DOCUMENTS

1. Payment cheque with nomination fee made payable to “**Joint HKIE/IStructE Division**”; and

### For Project Award,

2. Copy of Occupation Permit, copy of Completion Certificate or copy of acknowledgement of practical completion, as appropriate.
3. Copy of a construction cost summary of the project or relevant supporting documents.
4. 10 hard copies of competition materials including text and supporting materials, in English and bound into A3-sized [420mm (W) x 297mm (H)] booklets (a maximum of 5 pages, not including cover page).

Guidelines on competition materials are:

- (a) Name and full postal address of the nominated project;
- (b) Names of the structural engineering firm, client, architect and contractor;
- (c) Authorization letter from client or owner of the nominated project;
- (d) Synopsis in not more than 500 words composing:
  - I. an executive summary outlines the function and merits of the project;
  - II. an introduction provides the design concept and approach; and
  - III. a brief on unusual features, e.g. innovation and creativity, environmental friendliness, sustainability, functionality and buildability etc.
5. 2 CD-ROMs containing above nomination materials.

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### For R&D Award,

1. Copy of the acknowledgement of the publication date of the research paper
2. 10 Hard copies of research paper which is written in English
3. 10 Hard copies of Curriculum Vitae
4. 10 Hard copies of competition materials including text and supporting materials, in English  
Guidelines on competition materials are:
  - (a) Name, title, organization and full postal address of the applicant;
  - (b) Synopsis in not more than 500 words composing:
    - I. Paper Abstract; and
    - II. A brief on unusual features, e.g. innovation, engineering application, originality, sustainability, etc.
5. 2 CD-ROMs containing above nomination materials.

### Notes:

1. Organizing Committee of the Structural Excellence Award 2017 reserves the ultimate right to make final decision on the eligibility of all entries.
2. Decision of the Jury Panel is final.
3. Project teams of all short-listed entries are required to submit a presentation PowerPoint (maximum 10 slides) and conduct a presentation to the Jury Panel.
4. Site visits will be arranged for the candidates of Grand Award winners of Hong Kong Projects.

### NOMINATION FEE

1. Nomination fee in the sum of **HK\$2,000** for Project Award and **HK\$1,000** for R&D Award.
2. Nomination fee will be refunded to nomination which is not eligible for entry.

### PROMOTION FEE

For Project Award, promotion fee in the sum of **HK\$25,000** for each Grand Award, **HK\$15,000** for each Commendation Merit and **HK\$10,000** for each Finalist will be collected on top of the nomination fee for promotion (including newspaper advertisement) and trophy production.

Promotional fee is not applicable to the R&D Award winners.

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### NOMINATION DEADLINE AND ENTRY DETAILS

Please visit

<http://form.redasia.com.hk/sea2017project.pdf> for Project Award; and

<http://form.redasia.com.hk/sea2017rnd.pdf> for R&D Award

or print attached appendix for completing the nomination form.

Entry's nomination documents must be submitted by **5p.m. on 20 February 2017, Monday** to the following address:

Ms Irene CHEUNG / Ms Connie KWONG  
Event Secretariat for Structural Excellence Award 2017 (Red Asia Communications Ltd.)  
Room 1706, 17/F, Fook Yip Building  
No.53 Kwai Fung Crescent, Kwai Fong

### TENTATIVE SCHEDULE

<b>December 2016</b>	Open for Nomination
<b>20 February 2017 (Mon) 5p.m.</b>	Deadline for Nomination and Required Documents Submission
<b>March 2017</b>	Finalists' Presentation to Jury Panel Members
<b>Early April 2017</b>	Site visits to Short-listed Projects by Jury Panel Members
<b>May 2017 (AGM of JSD)</b>	Result Announcement

### ENQUIRES

Further details are available at the website <http://st.hkie.org.hk/>

For enquiries, please feel free to contact our event secretariat at  
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