

THE MARKET

A Grand Steel Canopy

20th Annual Architectural Student Design Competition 2020-2021

Canadian Institute of Steel Construction

Registration Deadline (free)

March 31, 2021

Submission Deadline

May 14, 2021

Awards

1st Prize - Award of Excellence

student team (1) **\$8,000**

faculty sponsor \$2,000

2nd Prize

student team (1) **\$4,000**

faculty sponsor \$1,000

3rd Prize

student team (1) **\$2,000**

faculty sponsor \$500

Honourable Mentions

at the jury's discretion 1 book/student

Competition Theme

The Market is the theme of this year's CISC Student Design Competition. The market in a city is a public place for retailers to expose their merchandise. It can be a municipal market, a farmer's market, but also a place that allows community events, the exhibition of art, cafes and food shops with informal seating, areas to sit and relax and service functions like bicycle storage and toilets.

The design challenge is to select a site in a Canadian city where a market would stimulate an underused space, offer nearby services to residents at walking distance, create an area for social gathering that would support small businesses and the local community.

A grand structural steel canopy will be the key architectural/structural element of the market. The canopy will act as a giant roof. Its surface can be transparent or opaque. The design challenge is about creating an elegant steel canopy that establishes a relationship with its context with its height, shape, area, colour and structural steel expression. The design includes the site plan with required permanent and temporary constructions for the market.

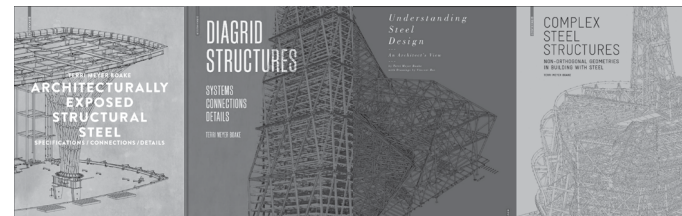


Photo credits : Adrien Olichon

Jury

Tyler Sharp, Architect

Principal, RDH Architects

Paul Laurendeau, Architect

Atelier Paul Laurendeau / ASDC Chair

Sean L. Brown, M. Eng. P. Eng.

Associate, DIALOG

Todd Collister, P. Eng.

Director Engineering & Business Development
Supreme Group / CISC Chairman

Bechara Helal, PhD, Interim Director

School of Architecture, Université de Montréal

Judging Criteria

- Incorporation of the competition theme
 - Creative approach to interpreting the theme
 - Demonstration of the potential of structural steel
 - Buildable details
- Entries that include specifications of steel sizes, shapes and/or product specifications will be given stronger consideration by the jury.

Competition Objective

The competition aims to introduce architecture students with the use of exposed structural steel and show them the design potential in terms of formal expression, detail and surface finish. Proposals must exclusively use steel in the design for the structure and for surfaces where appropriate. The design must demonstrate an understanding of the properties and possibilities steel has to offer. The competition theme requires students to:

- elaborate a structural grid with steel elements
- design buildable connections
- collaborate with a steel fabricator to choose the steel members and the connections

Collaborative Process

Collaboration between designer(s) and fabricator(s) is encouraged to familiarize students with the industry and allow them to develop a proposal in the context of real construction. Students and faculty sponsors are encouraged to seek advice and guidance from their local steel fabricators to help them choose the right steel sections and elaborate their design.

Eligibility

The competition is open to all current full-time students (individually or in teams of maximum 3) registered in a Canadian school that offers an accredited or non-accredited program of architecture of at least 3 years duration. Each student team should register and list a primary contact for the team. A faculty professor that endorsed the individual or team must be provided. Teams that include students in engineering are encouraged to participate. The competition may be conducted as part of a design studio project under the direction of the faculty sponsor, or as an independent extracurricular self-directed project. In all cases, winning entries and their faculty sponsor will receive the stipulated cash prize.

Registration and Submission Requirements

Registration is free. Full requirements are posted on the CISC website (<https://cisc-icca.ca/architecture-student-design-competition/>).

Schedule

August 25, 2020	Competition announced
March 31, 2021	Registration deadline
May 14, 2021	Submission deadline
June 18, 2021	Announcement of winners and publication of winning entries
September 2021	Award of Excellence presented at the CISC Canadian Steel Conference in Winnipeg and exhibition of the winning entries
October 2021	Touring exhibition of finalists

Enquiries

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