



June 2017

**CIB Co-Sponsored
Creativity in Structural Design
IASS 2018**



Introduction

On July 16-20, 2018, the annual symposium of the IASS will take place in the Boston area, an American hub of academics and innovation. Hosted at the Massachusetts Institute of Technology (MIT) in Cambridge, the symposium aims to bring together leading designers and researchers working in the fields of structural engineering and architecture from around the world.

The symposium is organized by Sigrid Adriaenssens (Princeton), Bill Baker (SOM), Caitlin Mueller (MIT), John Ochsendorf (MIT), and John Abel (Cornell, Former President of the IASS).

Theme and Topics

The symposium theme, Creativity in Structural Design, celebrates work in the built environment that pushes beyond the status quo and synthesizes across disciplines to solve important problems of today and the future. Empowered by recent advances in computation, materials, and fabrication, creative structural design is expanding possibilities for shell and spatial structures.

Symposium Venue

The main symposium venue will be MIT's iconic Kresge Auditorium, an important thin-shell structure designed by Eero Saarinen and completed in 1954. Beyond this primary space, the symposium will include events hosted at other key locations on the MIT campus, including the Media Lab.

The wider Boston area is home to additional landmarks in shell and spatial structures, and the symposium's technical tour will highlight such works by Pier Luigi Nervi, Buckminster Fuller, and the Guastavino Company.

Call for Papers

The IASS 2018 organizers encourage the participation of designers, engineers, architects, researchers, and all who are interested in creative ways to explore structural design. We especially welcome papers to be presented and discussed during the symposium that reflect on the symposium theme. Additionally, young practitioners and scholars are welcome to participate in the Hangai Prize competition that recognizes outstanding submissions from participants under 30. Papers will be written and presented in English.

Important Dates

Abstract submission: January 15, 2018
Abstract acceptance: February 26, 2018
Full paper submission: April 2, 2018
Full paper acceptance: April 21, 2018
Symposium: July 16 – 20, 2018
Technical tour: July 20, 2018

Contact details

For more information go to the Symposium website, <http://www.iass2018.org/>.

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