

2015 IASS SYMPOSIUM CONTEST and ART EXPO

2015 IASS SYMPOSIUM CONTEST

The 2015 IASS Symposium organizers invite universities and/or companies to participate in a contest and exhibition of structurally innovative pavilions. The pavilions have to give a future vision on structural design and innovation and have to be the outcome of (excellent) structural research. It is our ambition to have an exhibition that shows new insights on structural typologies in the design of a pavilion. The pavilions will be exhibited in the summer of 2015 and during the 2015 IASS symposium in the Muziekgebouw¹ in Amsterdam. The exhibition will be opened at the end of the Holland Festival² in June 2015. During the conference the jury of the 2015 IASS symposium contest, chaired by the president of the IASS, will award two prizes³ to the most innovative and challenging structures that have been designed and realized. The winning teams will get a price of 1000 euro each and an honoree certificate signed by the jury.

Two phases

The pavilion contest consists of two phases. The first phase is the submission and acceptance of proposals in December 2014. The second phase is the building of the pavilions by the participants and exhibition of the pavilions in Amsterdam in July and August 2015. During the 2015 symposium the jury will select the two winning pavilions.

Two categories

The structures will be classified in *suspended* and *standing* pavilions. Because of the high voids in the exhibition building we would like to have at least half of the pavilions to be suspended. From both categories a winner will be assigned. The jury will judge the structural pavilions on the following criteria:

- future vision;⁴
- transformation;
- transportation;
- expression;
- innovation;
- originality;
- use of digital production facilities on a distance; and
- transfer with performing or visual art⁵.

¹ www.muziekgebouw.nl (muziekgebouw= music building).

² <http://www.hollandfestival.nl/page.ocl?pageid=73>.

³ One prize for the suspended and one for the standing pavilion.

⁴ Theme of 2015 IASS conference in Amsterdam.

⁵ The exhibition is in the Muziekgebouw (“music building”). Therefore it would be interesting if the pavilions can have a relation with sound or music.

Practical matters

The contest is open for all kinds of participants: artists, architects, engineers, universities, students, professors, companies, groups, individuals, etc. At least one member of every participating team has to represent his team at the IASS symposium in 2015.

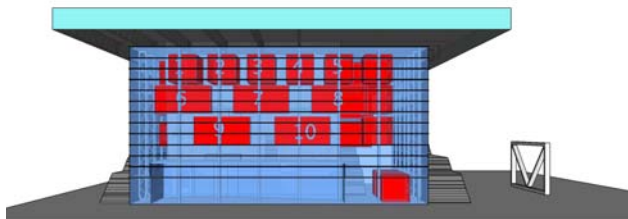
All pavilions have to be prefabricated in the workshop of the participants and transported to the Muziekgebouw in Amsterdam by the participating teams. The material has to fit in 6 (*imaginary*) boxes that can be transported as “regular” luggage by an airplane, i.e. *a maximum of 1x0.75x0.65 m/32 kg per box*. The maximum weight is 192 kg. This also applies to the teams in the Netherlands. The teams have the option to produce elements at fab-labs in the Netherlands as long as size and weight of all the elements satisfy the above-mentioned criteria.⁶

We will accept as much pavilions as can be exhibited in the Muziekgebouw. There will be place for 53 pavilions. The maximum size of the envelope depends on the place of the pavilion in the Muziekgebouw as given in the list below.

Suspended pavilion have a maximum of 3 hanging points, but we prefer them to hang at one point.

Electricity for the pavilions (lighting, sound or electrical motors, etc.) can be supplied if requested.

Non-relevant or impossible proposals will be refused.⁷

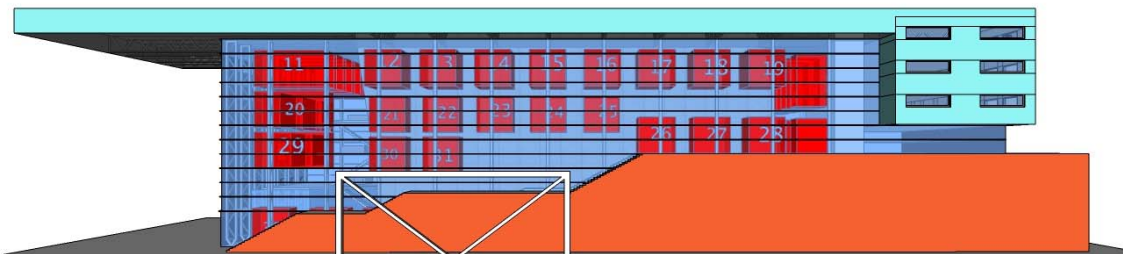


Façade at the river, west side, of the building

- number 1-5 lxbxh 8x4x4 suspended
- number 6-10 lxbxh 2x8x4 suspended

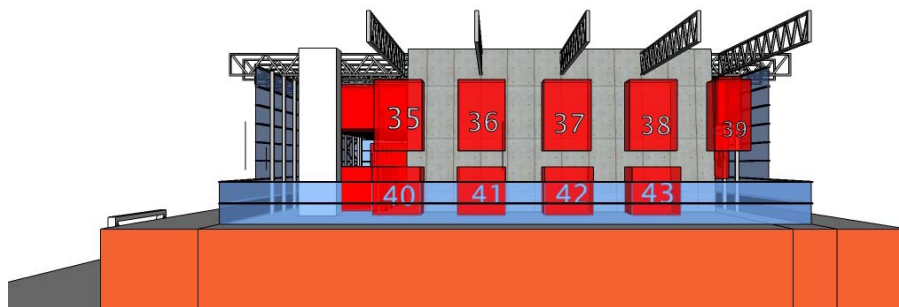
⁶ <http://www.fablabinternational.org/nl/>

⁷ To be decided by the 2015 IASS Symposium organizers



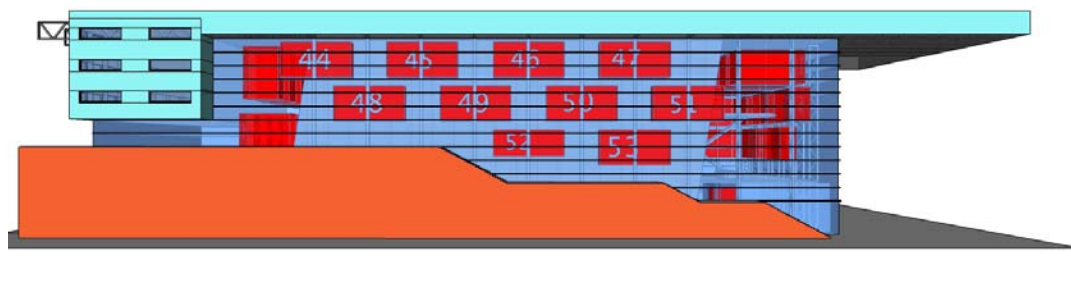
Façade/Corridor at the entrance and city side, south side, of the building,

- number 11, 20, 29 lxbxh 8x4x4 suspended
- number 12 – 19 lxbxh 4x6x4 suspended
- number 21-25 + 30 +31 lxbxh 4x4x4 suspended
- number 26 27 28 lxbxh 4x4x4 standing



Corridor at the east side of the building

- number 35-39 lxbxh 4x4x8 suspended
- number 40 – 43 lxbxh 4x4x4 standing



Façade at the river, north side, of the building

- number 44 - 53 lxbxh 8x2x4 suspended

The participating teams should provide a contribution of 700 euro minus the distance of the team in kilometers from Amsterdam x 0.04 euro.⁸ The contribution is necessary to cover the costs (installation and remove of pavilion in the Muziekgebouw, electricity, opening, venue, jury, etc.)

From June 2014 teams can ask the 2015 IASS Symposium organizers to provide a 3D model of the Muziekgebouw. Teams can ask for a particular place for their pavilion in the Muziekgebouw. The organization will allocate the places in order of entry. The location of the pavilion will be confirmed definitively after the payment of the contribution.

The participating teams are responsible for the transportation, packing and transportation costs of the pavilion. They should deliver the materials and services necessary to realize the pavilions on site.

The participating teams have to ensure the safety of the pavilion. The IASS has the right to refuse the exposition of the submitted pavilion in case of danger and if the realized pavilion in 2015 is essentially different from the proposed pavilion in December 2014.⁹ The proposal submitted before 15 December 2014 will be checked by the facility department of the Muziekgebouw, the organization of the contest and local authorities on safety. Teams have to follow comments on this issue.

All the pavilions will be published in a digital catalogue of the contest and exhibition. The two winning pavilions will be published in international magazines on design, architecture and structure.

Participating teams will be invited to show their developments in design and realization of their pavilion at an online community.

The teams are free to find sponsoring for the realization of their pavilion. The names of the supporting sponsors can be displayed at the exhibition of the pavilion, the online community and catalogue.

The IASS conference contest organization has the freedom to invite teams to participate out of competition.

The pavilions remain property of the teams during the exhibition. The Muziekgebouw is a public building. The organization of the exhibition is not responsible for any damage on the pavilion done by visitors. Further, the organization of the exhibition is not responsible for any damage on the Muziekgebouw or injuries to the visitors related to the exhibition of the pavilions.

The teams have to sign a document about the safety, ownership and responsibility of the pavilion.

After 22 August 2015 the pavilions have to be removed from the Muziekgebouw by the participants. If this is not the case, the organization will do whatever they think is necessary.

⁸ Fore instance the contribution of a team from Delft is $700 - (54\text{km} \times 0.04) = 697,84$ euro and from Melbourne $700 - (16534\text{km} \times 0.04) = 38,56$ euro

⁹ To be decided by the 2015 IASS Symposium organizers. In the case of doubts concerning the safety, the organizing committee will ask the team to prove the safety. In all cases the designing team is responsible for the safety of the pavilion.

The organization of the contest has the right to withdraw the prizes as promised in case of financial shortage due to a lack of sponsorship or participants.

In the case of dispute between the jury, the organization of the contest and a team, an arbitrator has to be found that is acceptable to all parties. This arbitrator is a member of the scientific committee of the 2015 IASS symposium. If the arbitrator is not able to resolve the dispute, the question will be brought to Dutch court.

Venue

IASS 2015 Amsterdam - exposition of pavilions and assignation of the winning pavilions (July-August 2015)

Time line

Mai 2014: Full announcement of IASS Pavilion Contest on website.

June-December 2014: teams can ask the 2015 IASS Symposium organizers to provide a 3D model of the Muziekgebouw. Teams can ask for a particular place (envelope) for their pavilion in the Muziekgebouw.

15 December 2014: submission of proposals, safety check by facility department of the Muziekgebouw, the organization of the contest and local authorities. (It is possible to submit a preliminary design first and the final design later.)

15 January 2014: acceptance of proposals and payment of contribution. (The 2015 IASS Symposium organizers will send an invoice to the team or sponsor of the team.)

January-May 2015: Realization of the pavilions as "transportable kit" in home country.

June 2015: Building of pavilions at the Muziekgebouw in Amsterdam (48 hours).

June 2015: Opening festivities.

17-20 August 2015: IASS Symposium Amsterdam.

20 August 2015: Assignment of the two winning pavilions.

22 August: Removal of the pavilions by teams or organization.

Correspondence

This 2015 IASS symposium contest is an initiative of the IASS 2015 symposium in Amsterdam in close cooperation with the IASS, Dutch and Flemish artists, architects and engineers. The complete information about the contest, rules, jury, etc. will be announced on our website.

ART EXPO

In addition to the contest in July and August 2015 we will organize an exposition and workshops by Dutch and Flemish artists and designers.

Muziekgebouw

Below some pictures of the “Muziekgebouw” in Amsterdam. Interior of the Muziekgebouw with large voids has plenty of space for suspended pavilions.



West side of the Muziekgebouw



View from the building on the riverside North side of the building



Void at the river north side of the building



View at the 1th balcony, west side of the building



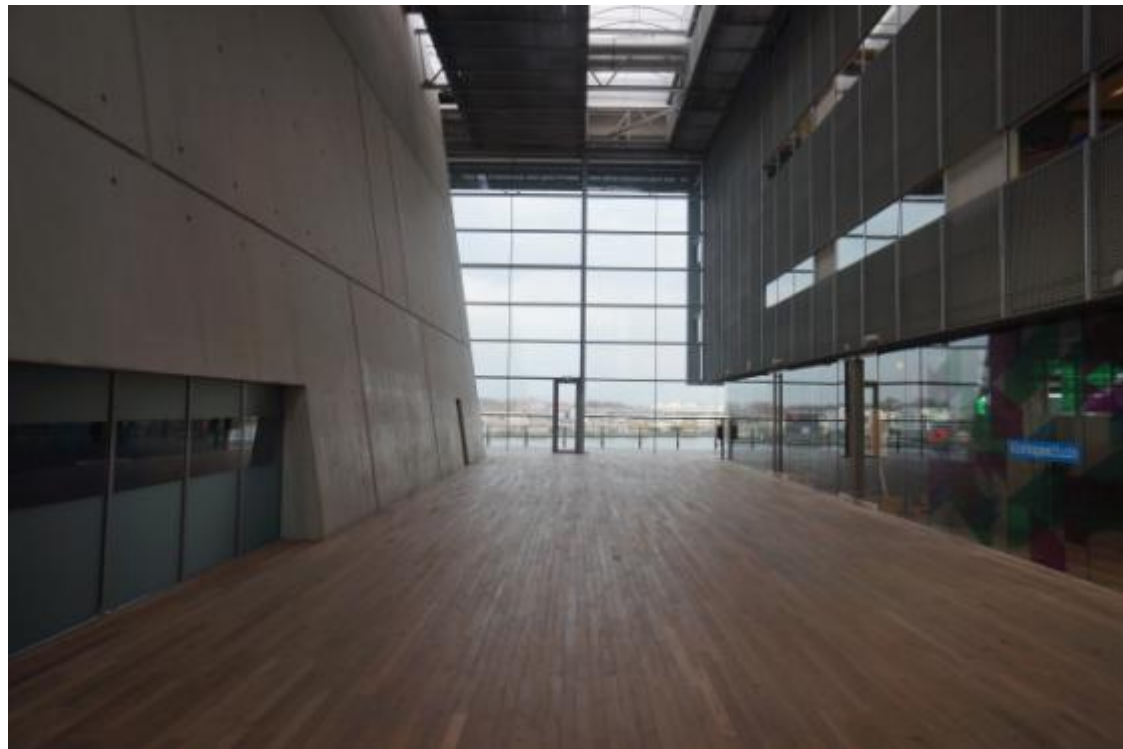
View at the 2th balcony west side of the building



View at the 3th balcony west side of the building



Corridor at the south side of the building



Corridor at the east side of the building

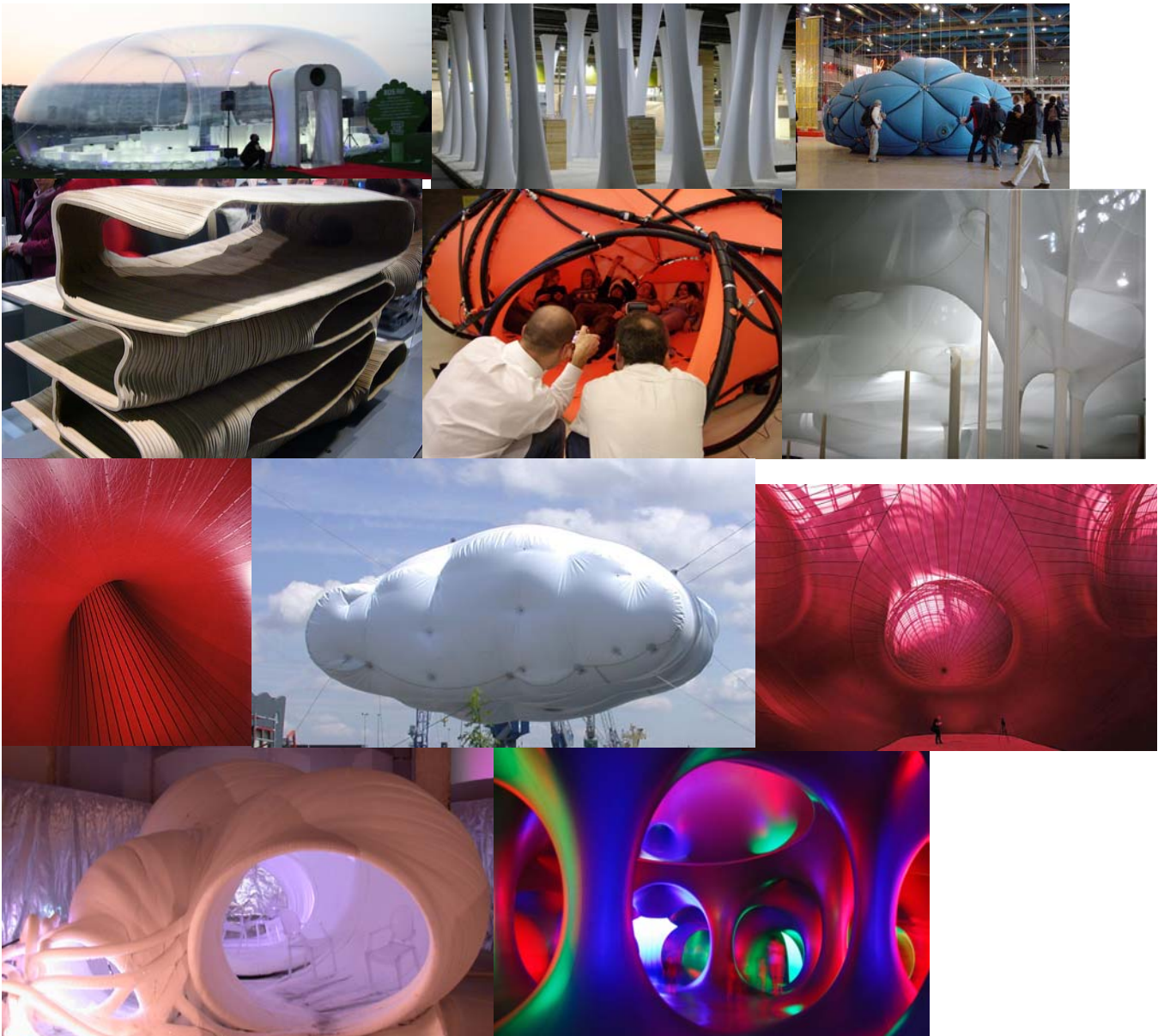
Future Visions

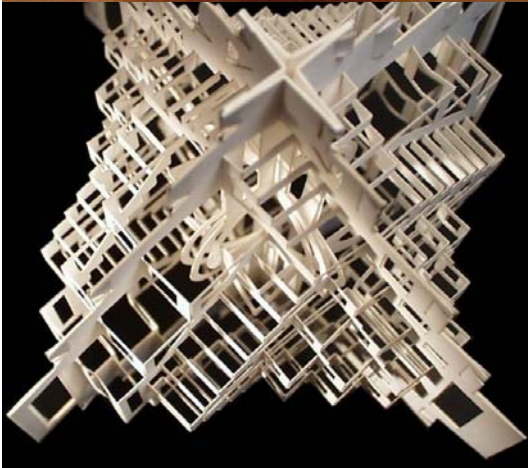
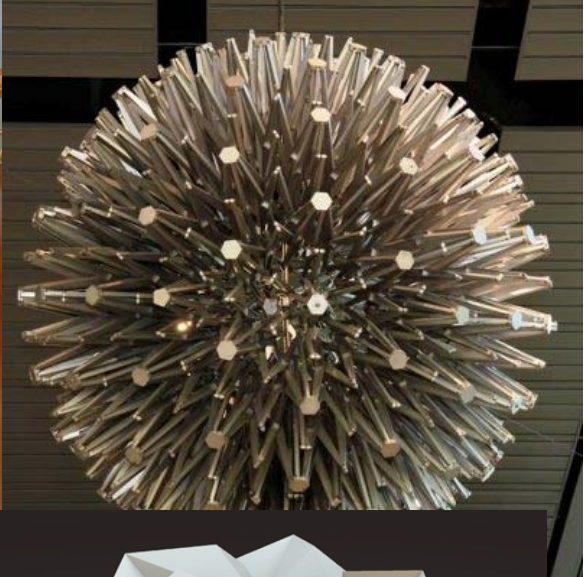
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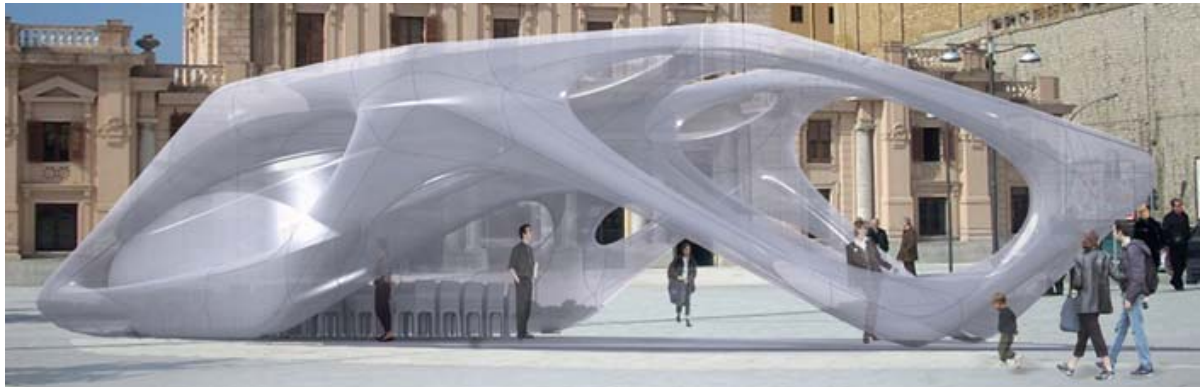
Summer Expo and contest of visionary artists, engineers and architects

We like to show projects of internationally recognized, celebrated artists and architects, optionally in cooperation with worldwide top universities concerning lightweight structures and morphological research.

Below you find some examples of projects we have in mind.









<http://www.tomassaraceno.com/>