I20/VALPARAÍSO

/ Pavilion

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Santiago / Valparaíso, Chile, 2015

A pavilion that needed to be iconic enough in order to become the symbol of a celebration, while remaining adequately ductile to be easily dismantled and relocated. An inflatable sphere and a foundation based on the circular repetition of a folding wooden element solve the project's problem, allowing this pavilion to be assembled in Santiago and Valparaíso, changing its name but not its architectural features.

KEYWORDS · Wood, inflatable structure, exhibition, architecture, Chile

The commission consisted in developing a pavilion to celebrate the 120 years since the foundation of the School of Architecture of the Pontificia Universidad Católica de Chile, which was first to be installed in the faculty's campus and later moved to other locations to be reused as an exhibition space. In this sense the commission had two main aspects: first, a material concern associated with its physical implementation, and second, the immaterial or symbolic aspect connected to the question for the proper type of space to celebrate a reunion or solemn act such as this.

Regarding the first, the implementation needed to comply with the following requirements: firstly, that it could be assembled and disassembled in many different locations, and secondly, that it could host conferences and exhibitions.

In response to these needs, the project was designed based on the repetition of a wooden modular unit, 5 meters high, which like a folding beach chair could be deployed for use and then folded for transportation and storage. In order to generate on one side, a steady and stable space and on the other, to create the necessary conditions to host conferences and exhibitions, this module was repeated 36 times around a rotation axis so that a ring-shaped podium of 14 meters in diameter and 5 meters high is produced, containing a circular corridor for exhibitions towards the exterior, and a circular bench for conferences towards the interior. The cover of this wooden ring is provided by a PVC inflatable sphere with a diameter of 12 meters which, while covering and illuminating the space, acts as a sign, announcing the pavilion from a distance.

In regard to the symbolic character of the proposal, the circular shape reminds of the solemn sense of community that has been forged over these

PABELLÓN 120 / PABELLÓN VALPARAÍSO

Arquitecto / Architect

Sebastián Irrarrázaval

Colaboradora / Contributor

Macarena Burdiles

Encargo / Commission

Escuela de Arquitectura, Pontificia Universidad Católica de Chile

Producción de contenidos / Content production

Francisco Quintana, Trinidad Sánchez

Fabricación estructura de madera / Wood Structure manufacturing

Ema Dünner, Daniel Ortiz, Lorenzo Fuentes. Not S.A.

Fabricación esfera PVC / PVC sphere manufacturing

Ficticios Gigantes S.A.

Materiales / Materials

estructura compuesta de 36 módulos tipo atril de madera y esfera inflable de PVC / structure composed of 36 wood lectern modules and PVC inflatable sphere

Superficie construida / Built area

154 m²

PABELLÓN 120 AÑOS EAUC

Ubicación / Location

Campus Lo Contador, Escuela de Arquitectura

Pontificia Universidad Católica de Chile, Santiago, Chile

Fecha / Date

Diciembre de 2014 a marzo de 2015 / December 2014 – March 2015

Montaje / Assembly

Ema Dünner, Daniel Ortiz, Lorenzo Fuentes. Not S.A.

Desmontaje / Dismantling

Miguel Delso y equipo de alumnos / students team,

Escuela de Arquitectura UC

PABELLÓN VALPARAÍSO

Ubicación / Location

Palacio Subercaseaux, Barrio Puerto,

Valparaíso, Chile

Fecha / Date

Abril 2015 / April 2015

Montaje y desmontaje / Assembly and dismantling

Lautaro Ojeda, Gonzalo Herrera, Esteban Alvarado, Nicolás Cuadra, Fidel Olfos, Gonzalo Fernández, Mauricio Ortiz, Carola Molina y

equipo de alumnos / students team,

Escuela de Arquitectura, Universidad de Valparaíso

Isometric cut

S. e. / N. s.

Isometric without sphere

S. e. / N. s.

SEBASTIÁN IRARRÁZAVAL

Architect, Pontificia Universidad Católica de Chile, 1991. Graduate studies in Urban Planning, Architectural Association, London, 1993. Young outstanding architect award, AOA, 1999. His work has been exhibited in Santiago, Barcelona, Boston, Rotterdam and Venice. He has been guest professor at the Central University of Caracas, University of Arizona and Massachusetts Institute of Technology in Boston. Since 1994 he is professor at the Pontificia Universidad Católica de Chile.

Lectern module

S. e. / N. s.

Pabellón en construcción / *Pavilion under construction*. Campus Lo Contador, Pontificia Universidad Católica de Chile. © Sebastián Irrazábal

Campus Lo Contador, Pontificia Universidad Católica de Chile, diciembre de 2014 a marzo de 2015 / *December 2014 – March 2015* © Felipe Fontecilla

Campus Lo Contador, Pontificia Universidad Católica de Chile, diciembre de 2014 a marzo de 2015 / *December 2014 – March 2015*. © Felipe Fontecilla

120 years of existence at the School of Architecture UC, and makes explicit reference to a long tradition of building monuments by using platonic shapes.

After the celebration of the 120 years and in the context of the XIX Chilean Biennial of Architecture and Urbanism, the pavilion, this time under the name of Valparaíso Pavilion, was moved to the ruins of the Subercaseaux Palace in Valparaíso to host 64 student and teachers' projects from the Schools of Architecture of the Universidad de Chile, Universidad de Valparaíso, Pontificia Universidad Católica de Valparaíso, and Pontificia Universidad Católica de Chile, who in collaboration proposed a common view for the waterfront of the city of Valparaíso. **ARQ**

Campus Lo Contador, Santiago Site plan
E. / S. 1: 1.000

Front elevation access
E. / S. 1: 200

Section
E. / S. 1: 200

Palacio Subercaseaux, Valparaíso Site Plan
E. / S. 1: 1.000

/ Ground level +2,10 m
E. / S. 1: 200

/ Ground level +5,5 m, without sphere
E. / S. 1: 200

Celebración 120 Años Escuela de Arquitectura / 120 years School of Architecture celebration. © Omar Faúndez

Campus Lo Contador, Pontificia Universidad Católica de Chile, diciembre de 2014 a marzo de 2015 / December 2014 – March 2015. © Felipe Fontecilla

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Celebración 120 Años Escuela de Arquitectura / 120 years School of Architecture celebration. © Omar Faúndez

Palacio Subercaseaux, Valparaíso, Chile, abril de 2015 / April 2015. © Felipe Fontecilla

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Pabellón en construcción / Pavilion under construction. Palacio Subercaseaux, Valparaíso, Chile.
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