



Pavilion by Ciudad Emergente (Chile, 2013)

Collaborative Structures in Chile

Reciprocal structures consist of linear members which are mutually supported and interlocking, forming either a flat, horizontal structure or a pitched three dimensional frame system. Each member is supported at the outer end by a ring, beam or column and at the inner end is supported by the adjacent member. As a result, this structural system works as a collaborative structure that it is only possible by the correct and solidary performance of all its components. Due to their specific nature, the construction itself of reciprocal structures calls for the collaboration between several people, hence spontaneously activating a new collaborative dimension.

Our seminar trip will be investigating the topic of collaborative structures in social contexts in Chile. Supported by Ciudad Emergente and Pontificia Universidad Católica de Chile, in the first part of the trip we will take part in a seminar to develop ideas for the construction of a small reciprocal structure in a public space of Santiago de Chile; the aim is to explore, through discussions and hands-on activities, the structural and social dimensions of collaborative constructions. In the second part of the trip, we will visit the Ciudad Abierta de Ritoque in Valparaiso to understand the value of architectural experimentation and its effects on the social context. Throughout the week, we will also have the opportunity to visit some works of contemporary Chilean architects such as Smiljan Radic, Alejandro Aravena and Cecilia Puga.

Experts:

Javier Vergara Petrescu, Barbara Barreda (Ciudad Emergente)
Marisol Garcia, Rocío Hidalgo (Pontificia Universidad Católica de Chile)
Alessandro Tellini (ETH Zürich - Raplab)

Sa 14.03.15 – Su 22.03.15 | 10 Participants

Budget F (2000 - 2500 CHF)

The price includes flight, accommodation, transport and guided tours.

Chair of Structural Design

Prof. Dr. Joseph Schwartz
Pierluigi D'Acunto - dacunto@arch.ethz.ch
Juanjo Castellon - castellon@arch.ethz.ch
www.schwartz.arch.ethz.ch