



exploring the hybrid condition

Turkish Jury Report

Place of the Session: Istanbul Bilgi University, santralistanbul Campus, Istanbul

Date of the Session: May 21st, 2008

Jury Members:

Ihsan Bilgin (Chairman)
Deniz Guner
Sebnem Yalinay Cinici
Nevzat Sayin
Atilla Yucel

TCMA Representatives:

Handan Kiritmay
Irem Erdogan

Introduction:

Participants needed to do research and design in order to achieve the goal of this year's Concrete Design Competition. They needed to search for hints on "Implicit Performance"s through design and research. They were asked to make an observation on concrete to see how it can be used with other related sources and how to push the limits. Keeping in mind the fact that concrete is not the only player in the game but the basic element, the participants were asked to create new implementations and new building materials.

The Jury considered the performance as investigating different materials and techniques to see if they have the possibility to come together and follow hybrid potentials. They focused on how the participants built holistic designs from pieces. The jury also analyzed how the animated and active elements were used; whether holistic or in pieces. Therefore, the integration and collective use of materials, design instruments, techniques, the communication styles were the evaluation criteria for the jury.

There were 30 projects which had different designs and stimulating ideas in 2007-2008 Concrete Design Competition. Competitors were students from architecture, engineering, design departments of the universities and also from the related faculties.

Evaluation:

1st Elimination

Instead of enlarging the material properties of concrete and searching new opportunities, the projects which were more concerned with the design of an object, space or structure were eliminated in the first elimination by the jury.

TF326
RC208
TR011
MO213
SE404
XX515
GA454
ZZ888
GG022
TM753
FM038
KS038
UR678
CS324
EA245
AI149
EK970
NT004

The project with the title of NN116 was eliminated since the jury couldn't see any relevance in the design with concrete material.

2nd Elimination

The jury was impressed by the new material opportunities that were suggested by the selected projects in the first tour. But, due to the limited production potentials of these opportunities for new hybridisms, the projects titled CD515, SO274, MD449, DC702, MC689, and DT001 were eliminated in the second tour.

3rd Elimination

The two projects titled MF157 and TB721 that passed the second elimination tour, were attracted the attention of the jury by transforming concrete into interactive surfaces and suggesting a new hybridism. In the project titled TB721, a concrete wall was transformed into an interactive surface by placing waste materials such as plastic bottles, aluminum box straps, plastic rim stoppers on the concrete wall. The project titled MF157 placed a LED lighting product inside the concrete wall in order to transform the surface into a digital screen. Both of these projects were appreciated by the jury. But they were eliminated in the third tour since the jury decided that the projects brought together different materials synthetically and they couldn't use the opportunities of concrete material sufficiently.

MF157
TB721

Awarded Group

Three projects titled KO911, GO427 and EH307 were found eligible to be awarded by the jury since they suggested different systems which are adaptable to different positions and different hybridisms rather than suggesting a singular product, space or structure; and questioned the potentials of concrete materials.

KO911 titled project focused on the properties of concrete material and was appreciated by the jury with its idea of “reactional concrete”: transforming its appearance in different geographies and seasons, and the wall interacting with human acts.

The EN307 titled project suggested to combine the idea of growing plants on soiled roofs with concrete material. The project suggests to create “concrete which enables plant growth” by adding hydro-culture into the aggregate of concrete. The jury was impressed by the idea of concrete “leafing out” by containing granules that are used in plant cultivation without soil. Furthermore, the idea of this new hybridism transforming concrete into a porous structure in time attracted the attention of the jury.

While lightening concrete, aiming to make it more durable from a structural point of view, the project titled GO427 suggested that concrete could be lighter, more durable, and floatable by injecting small air calicles into it. This project “bringing gas together with concrete” has earned jury’s praise for approaching performance through the perspective of resistance and hybridism.

KO911
GO427
EH307