ICAR65 presents

1st Genoa Symposium

Form after Form

On the relentless emergence of new (architectural) forms

with
Nik Nikolov, Lehigh University
Patrizia Trovalusci, Sapienza Università di Roma
Mario Sassone, Politecnico di Torino
Giovanni Galli, Chiara Calderini, Luigi Gambarotta,
Fausto Novi, Christiano Lepratti Università degli Studi di Genova

September 22nd, 2014, 2.30 pm
Aula di vetro, Università degli Studi di Genova, DSA
Stradone S. Agostino, 37 - 16123 Genova
Program

14.30 Katia Perini and Gian Luca Porcile for ICAR65 with Andrea Quartara
Introduction

14.45 Nik Nikolov
Structural topology optimization in architectural design

15.30 Patrizia Trovalusci
The recovery of the ethic of constructions: P. L. Nervi vs S. Musmeci, two structural conceptions compared

16.00 Mario Sassone
Computational Morphogenesis of Shell Structures

16.30 Break

16.45 Chiara Calderini
Shape optimization: what about uncertainties?

17.00 Giulia Curletto
Parametric modeling in form finding and application to the design of modular canopies

17.15 Luigi Gambarotta
Notes

17.30 Poster session with:
Andrea Aicardi
F(lux)CO NORTH. Fiumicino Airport, Rome
Andrea Anselmo
The structure of void. The aesthetic potential of self-organized structures
Elena Balossino, Giada Barla
Algorithmythology. An overview of architectural debate, in search of emergent narratives in the digital age
Eleonora Buffa
8 Forms of Architecture - 20 Architectures of Form. Selection of innovative projects realized between 1998 and 2010
Andrea Quartara, Giulio Dini
[In]forming form. Generation and mutations of an urban algorithm
Alessandro Tinelli, Patrizia Trovalusci
Structural optimization vs. shape design

Discussant:
Nik Nikolov, Patrizia Trovalusci, Mario Sassone, Chiara Calderini, Giovanni Galli, Luigi Gambarotta, Christiano Lepratti, Fausto Novi

19.00 Closing Remarks
Organization Committee
Katia Perini and Gian Luca Porcile for ICAR65 with Andrea Quartara

Graphic
Davide Servente

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