

# parametric approaches

CITA Centre for Information Technology and Architecture // <http://cita.karch.dk>

public seminar  
on new approaches  
to define architectural Form

November 20th 2006  
CITA - Royal Academy of Fine Arts,  
School of Architecture

speakers

Ali Rahim  
Mark Goulthorpe  
Claus Peder Pedersen  
Lars Hesselgren  
Mateusz Kozlowski

velux guest professorship - Villum Kann Rasmussen Fonden / oct 2006-feb 2007

mark goulthorpe - dECOi/MIT



ali rahim - C.A.P / University of Pennsylvania  
17.-20. nov 2006 workshop



dennis shelden - Gehry Technologies  
18.-20. nov 2006 workshop

Parametric design strategies are changing the way the conceptualisation, design and realisation of architecture takes place. The thinking of a digital practice in architecture is currently reshaping design from the setting of absolutes to the proposal of open variables suggesting a state space of possible solutions.

Approaches and aims to parametric design differ and contradict, depending on the methods and individuals involved. Parametric Approaches seeks to explore some different tasks, their roots and protagonists. We will discuss the capacity of computational systems to model variance and ask how architects are to think through the consequences of such shift towards existing design paradigms. We will look for natural evolutionary models and draw parallels with speculative creative strategies in other disciplines, such as dance and music.

The seminar invites practitioners as well as theoreticians to discuss recent projects, historic roots and classifications as well as emerging technologies. Their statements address the formal as well as the technical potentials in architectural design.

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public Seminar at the School of Architecture on

new approaches to define architectural form - organised by CITA - Center for Information Technology and Architecture || <http://cita.karch.dk>

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Location

Auditorium 5

Royal Academy of Fine Arts, School of Architecture  
Philip de Langes Allé 10 - 1435 Copenhagen

13.00h Mark Goulthorpe – MIT

Plastik Conditional

14.00h Claus Peder Pedersen – Royal Academy of Fine Arts

The baroqueness of parametrics

15.30h Ali Rahim – University of Pennsylvania

Catalytic Formations

16.30h Afternoon session with:

Henning Larsen Tegnestue – Mateusz Kozlowski

Smart Geometry Group/ KPF – Lars Hesselgren

background image by Neri Oxman