

DESIGN METHODOLOGY

- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. **PREFACE** - WELCOME - INTRODUCTION



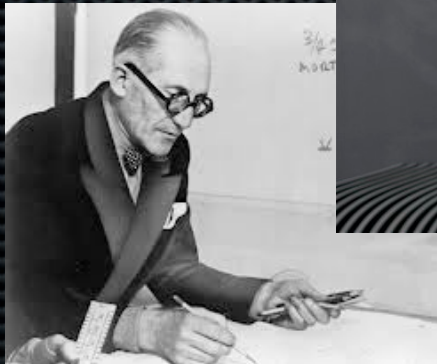
Imre MAKOVECZ



Peter ZUMTHOR



Carlo SCARPA



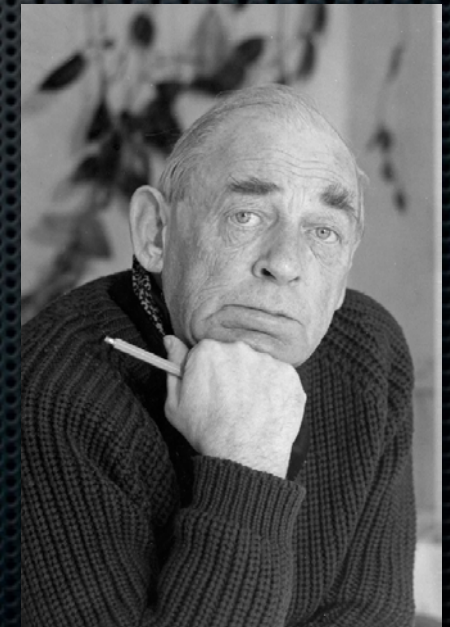
Le CORBUSIER



Zaha HADID



Rafael MONEO



Alvar AALTO

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Imre MAKOVECZ



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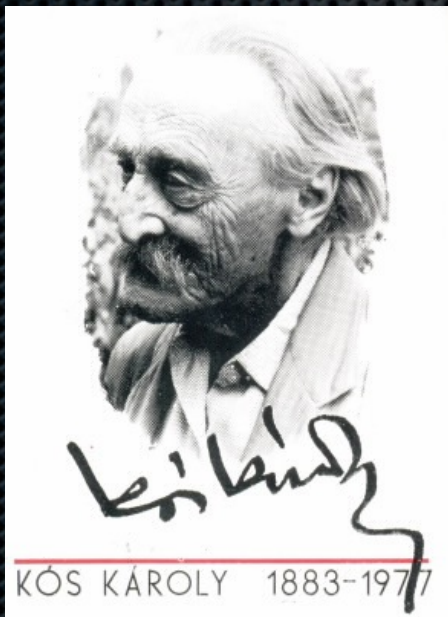
Rafael MONEO



Alvar AALTO



László HUDEC



Károly KÓS



Marcel BREUER



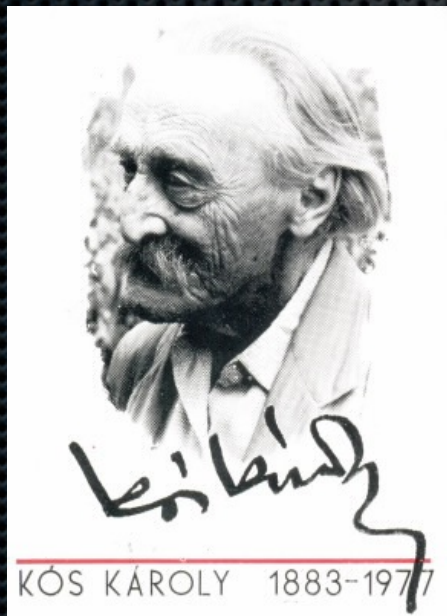
Ernő RUBIK



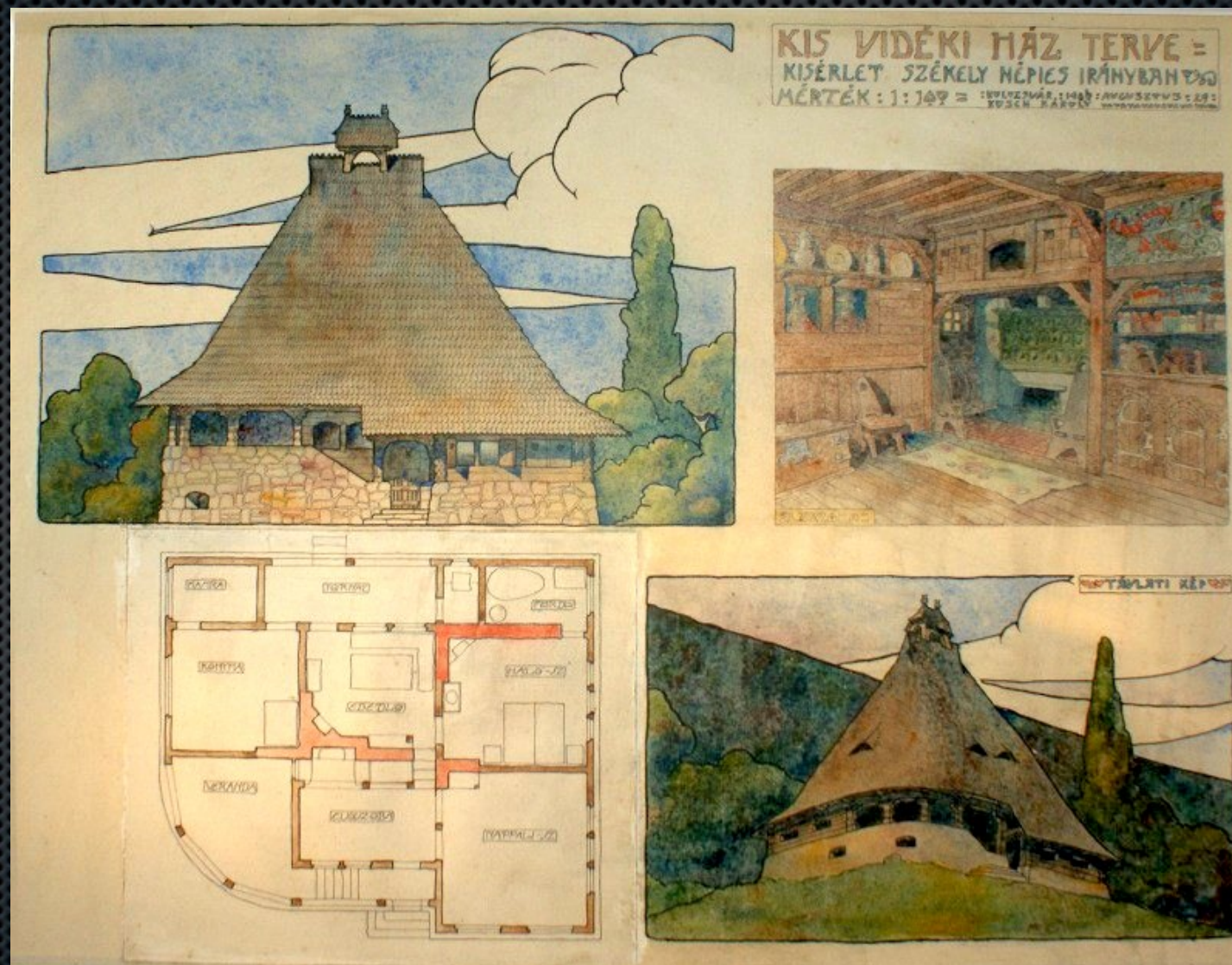
Károly POLÓNYI

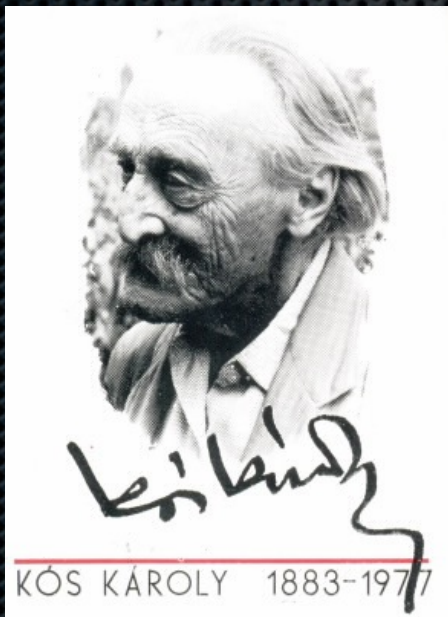


Ernő GOLDFINGER



Károly KÓS



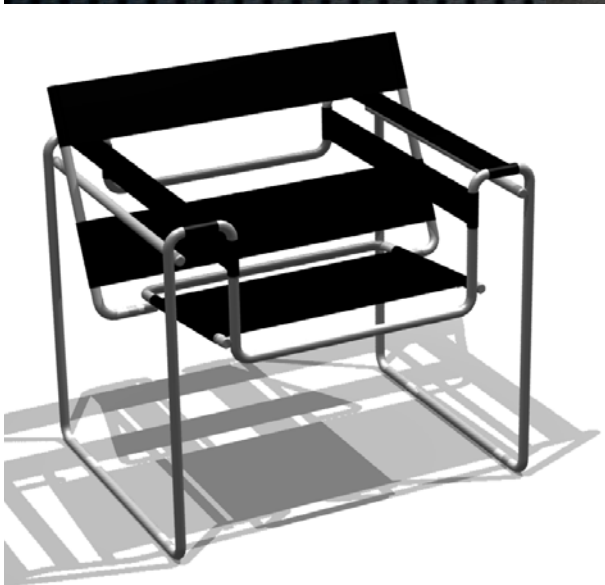


Károly KÓS





Marcel BREUER





do.co.uk, mo, mo

The Measure of Man: Ernö Goldfinger and his Architecture

Conference on 28 September 2002
to mark the centenary of the birth of Ernő Goldfinger, at the
Architectural Association
36 Bedford Square, London WC1, organised by DOCOMOMO-UK
Speakers will include: James Dunnett, Martin Brady, Adrian Forty,
Helen Langley, Rebecca Milner, Alan Powers, Nigel Worburton
Conference 10.00 am to 6.00 pm, followed by an opportunity to visit
Goldfinger's house, 2 Willow Rd, NW3, courtesy of the National Trust
Registration: £20, AA/DOCOMOMO-UK Members £15. Students and
concessions £10. Add £3 for Willow Road visit, £5 including transport.
Apply with cheque to 'DOCOMOMO-UK', 70 Cowcross St, ECTM 6EL
enclosing a.s.a. or airmail address for confirmation.
Enquiries: telephone 01223384977 or 02078333455 or e-mail
docomomo_uk@yahoo.com

Willow Rd, 1938. Central Group
Architects of Richard Huxford, 1937

Big Chair 1935. Modern British House 1947
Pencil Design, 3D



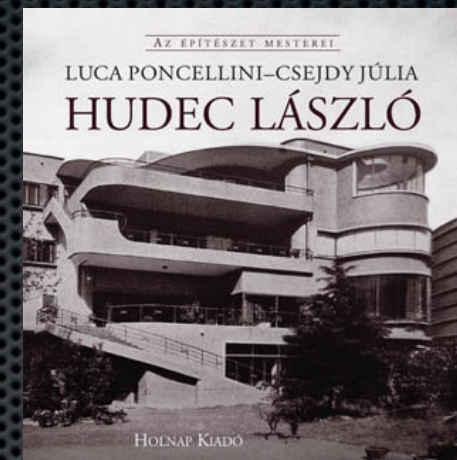
Ernö GOLDFINGER

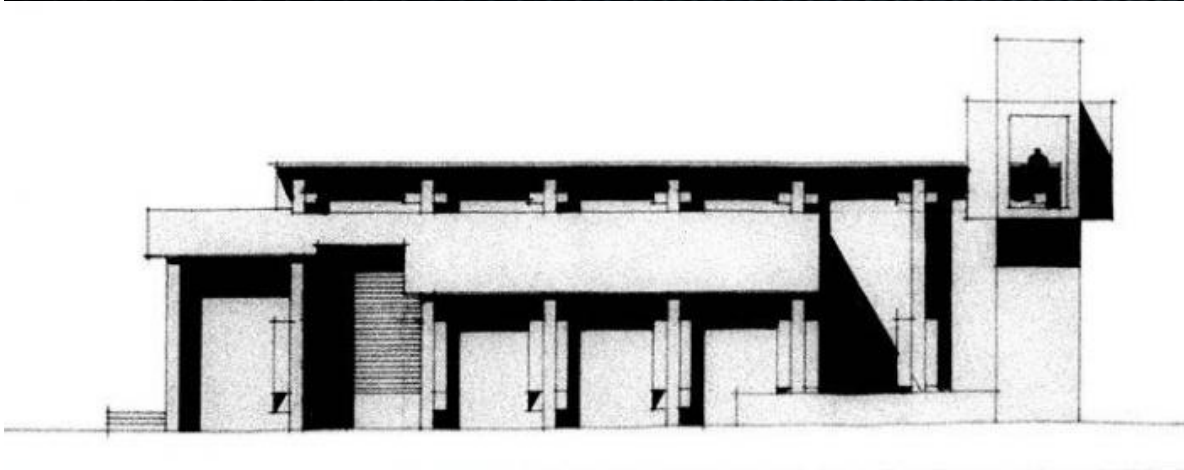


Erő GOLDFINGER



László HUDEC





Károly POLÓNYI

Team 10 — just as often referred to as **Team X** or **Team Ten** — was a group of architects and other invited participants who assembled starting in July 1953 at the 9th Congress of the International Congresses of Modern Architecture (CIAM) and created a schism within CIAM by challenging its doctrinaire approach to urbanism. _ wikipedia

FACULTY OF ARCHITECTURE
KWAME NKRUMAH UNIVERSITY
OF SCIENCE AND TECHNOLOGY KUMASI

GHANA

YEARS 1 2 3 4 5 6 1954

TECHNOLOGY

DESIGN

GENERAL

DESIGN PLANNING

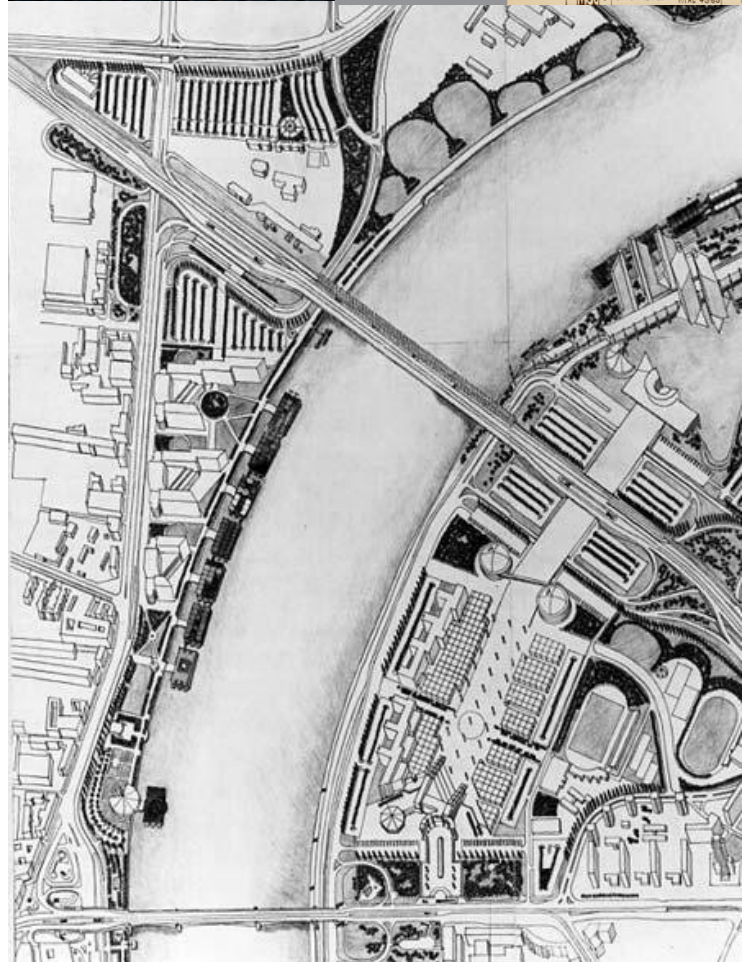
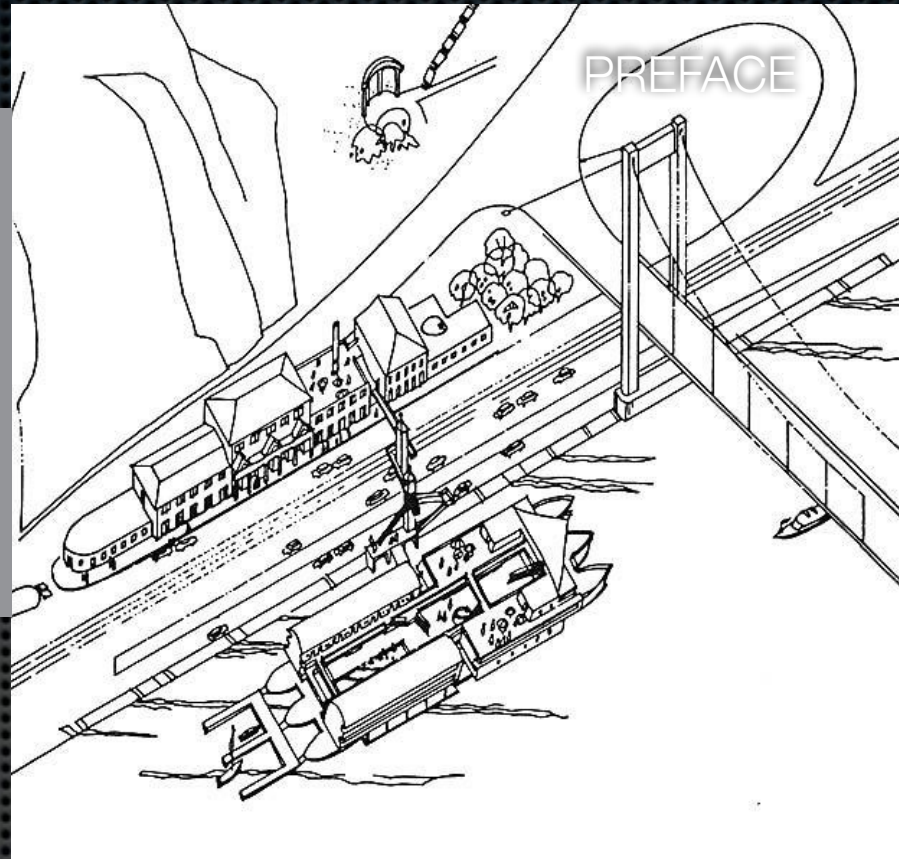
INDUSTRIAL DESIGN

ARCHITECTURE

URBAN PLANNING

REGIONAL PLANNING

YEAR	STUDY PROGRAMME SUMMARY	ARCHITECTURE	INDUSTRIAL DESIGN	URBAN PLANNING	REGIONAL PLANNING	TOTAL
1	1. ARCHITECTURE & TECHNOLOGY	30	30	4	20	184
2	2. SPATIAL INVESTIGATION	70	160	40	80	
3	3. DESIGN OF BASIC SETTLEMENT	70	120	38	30	90
4	4. INDUSTRIAL UNIT OF BUILDINGS	50	120	68	60	
5	5. EXPRESSIVE DESIGN	40	70	60	12	112
6	6. WORKING DRAWINGS	40	60			
7	7. RURAL STUDY					
8	8. BUILDING DESIGN					
9	9. SMALL TOWN DEVELOPMENT					
10	10. TOWN REGIONAL STUDY					
11	11. DETAILED BUILDING DESIGN					
12	12. COMPREHENSIVE WORKING DESIGNS					
13	13. INDUSTRIAL STUDY					
14	14. HIGH DENSITY HOUSING STUDY					
15	15. PUBLIC ASSEMBLY STUDY					
16	16. COMPLEX INDUSTRIAL PROJECT					
17	17. DESIGN THESIS					
18	18. DESIGN THESIS					
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Károly POLÓNYI



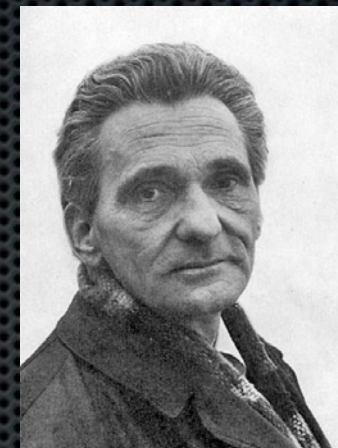
Károly WEICHINGER



Lajos GÁDOROS



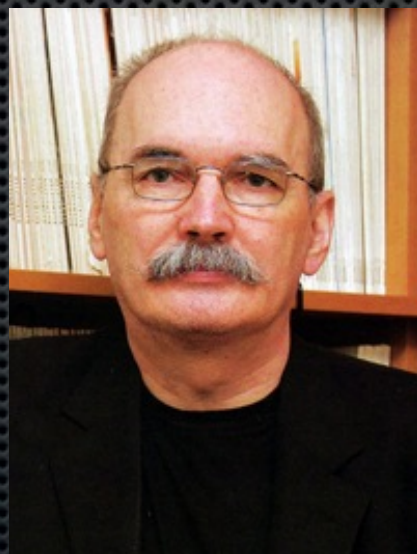
Miklós HOFER



Zoltán FARKASDY



Ferenc TÖRÖK

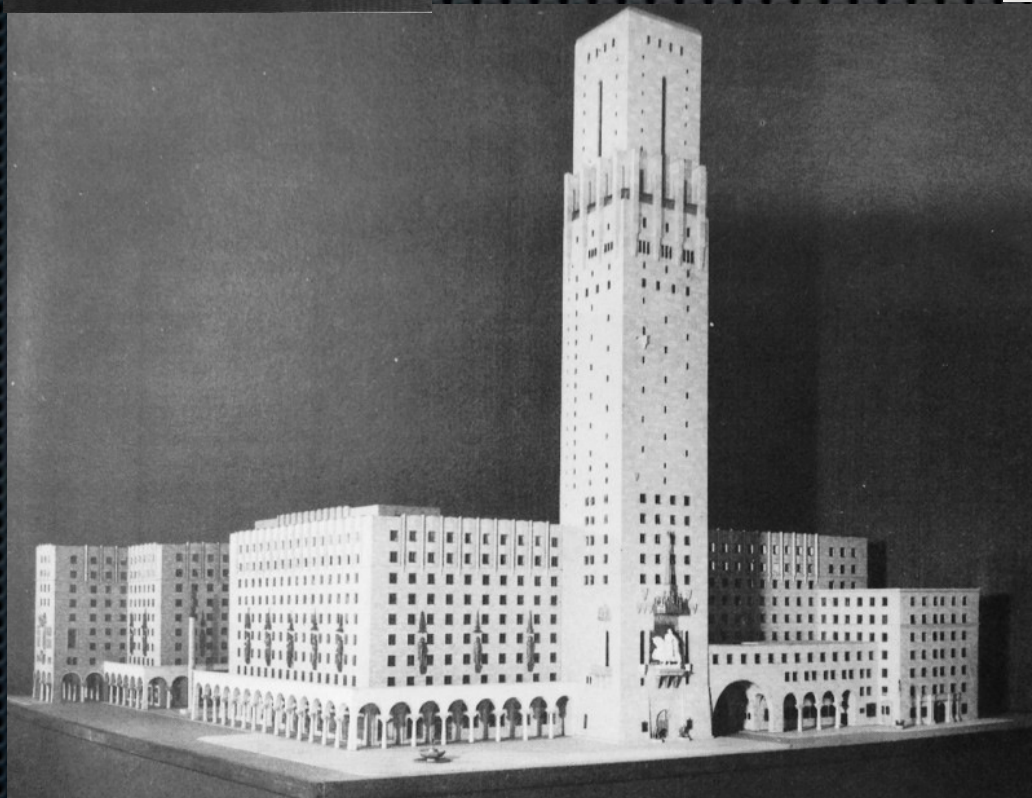
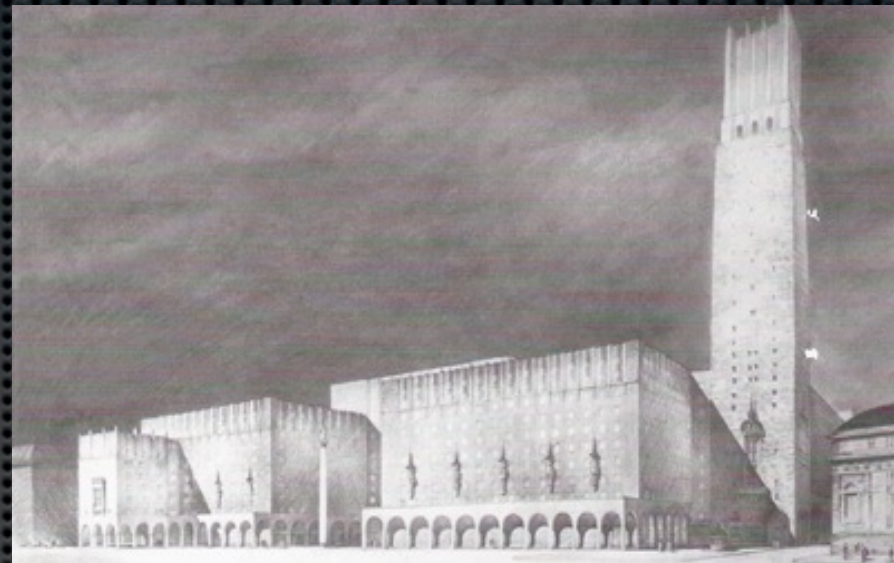


Ferenc CSÁGOLY

kör.ép



Mihály BALÁZS

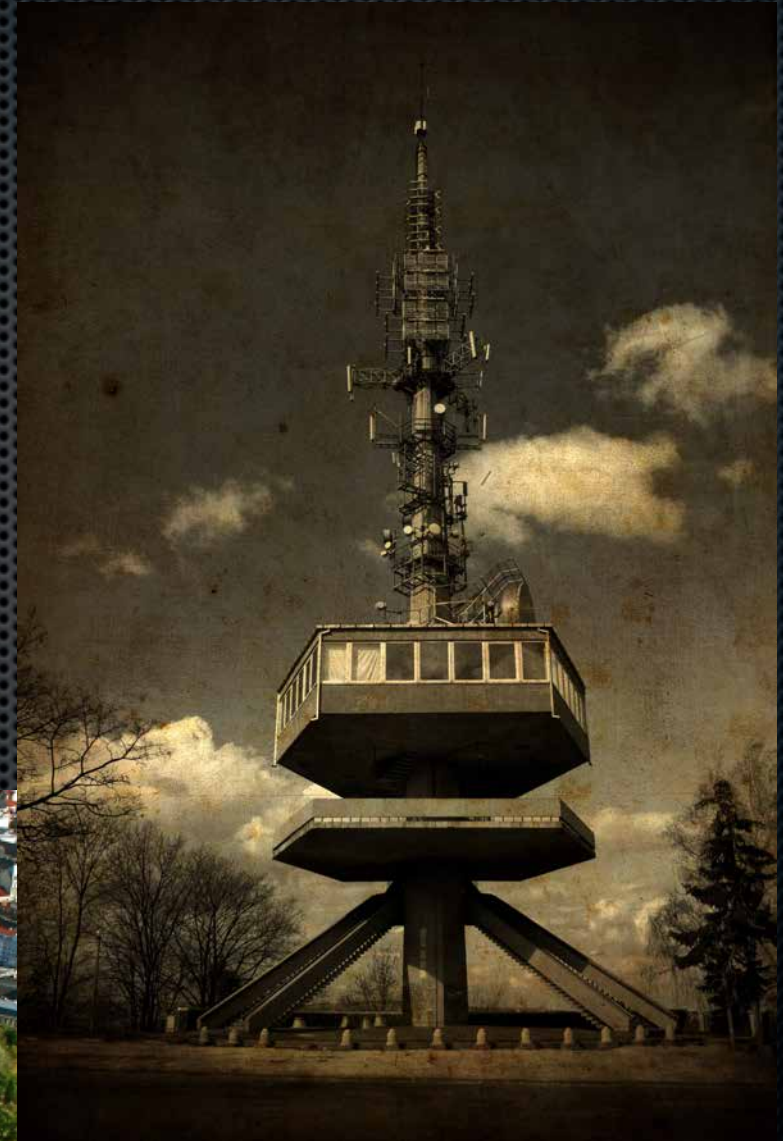


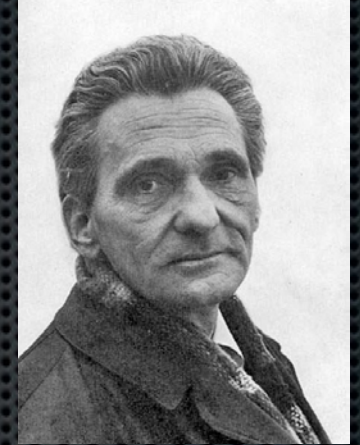






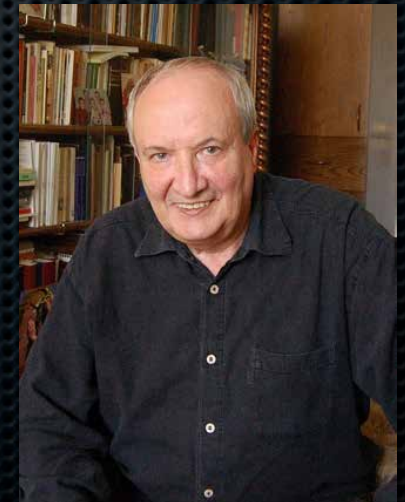
Lajos GÁDOROS





Zoltán FARKASDY





Ferenc TÖRÖK



Ferenc CSÁGOLY DLA

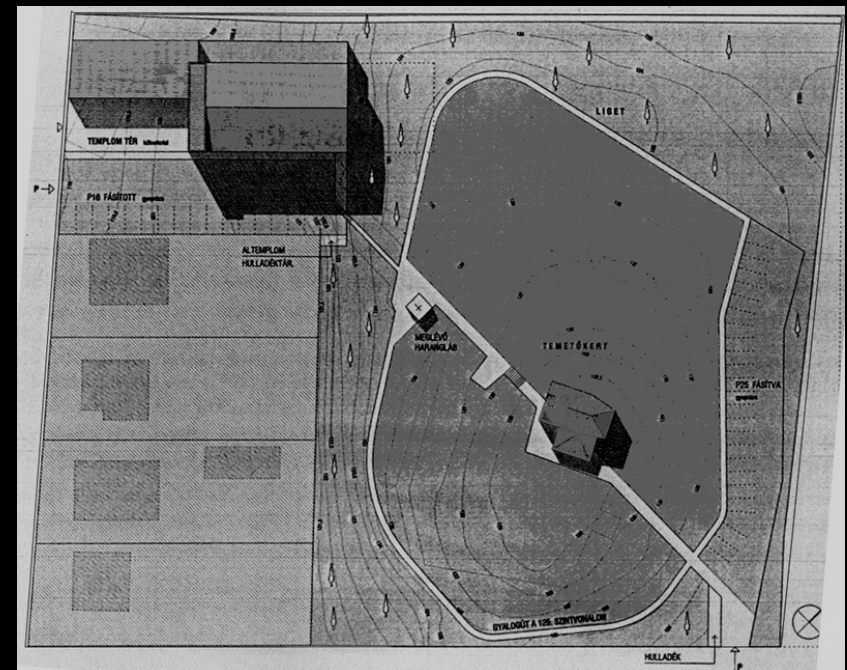
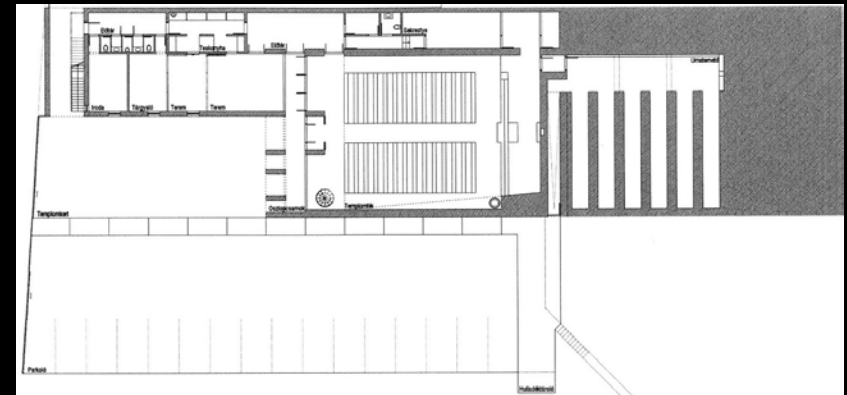




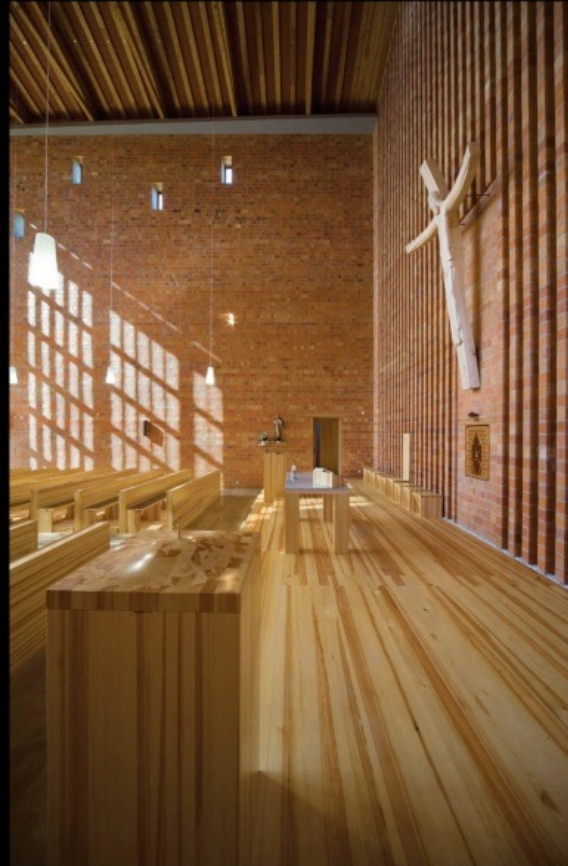
Ferenc CSÁGOLY DLA



Mihály BALÁZS



Catholic church Győr, Hungary 2011

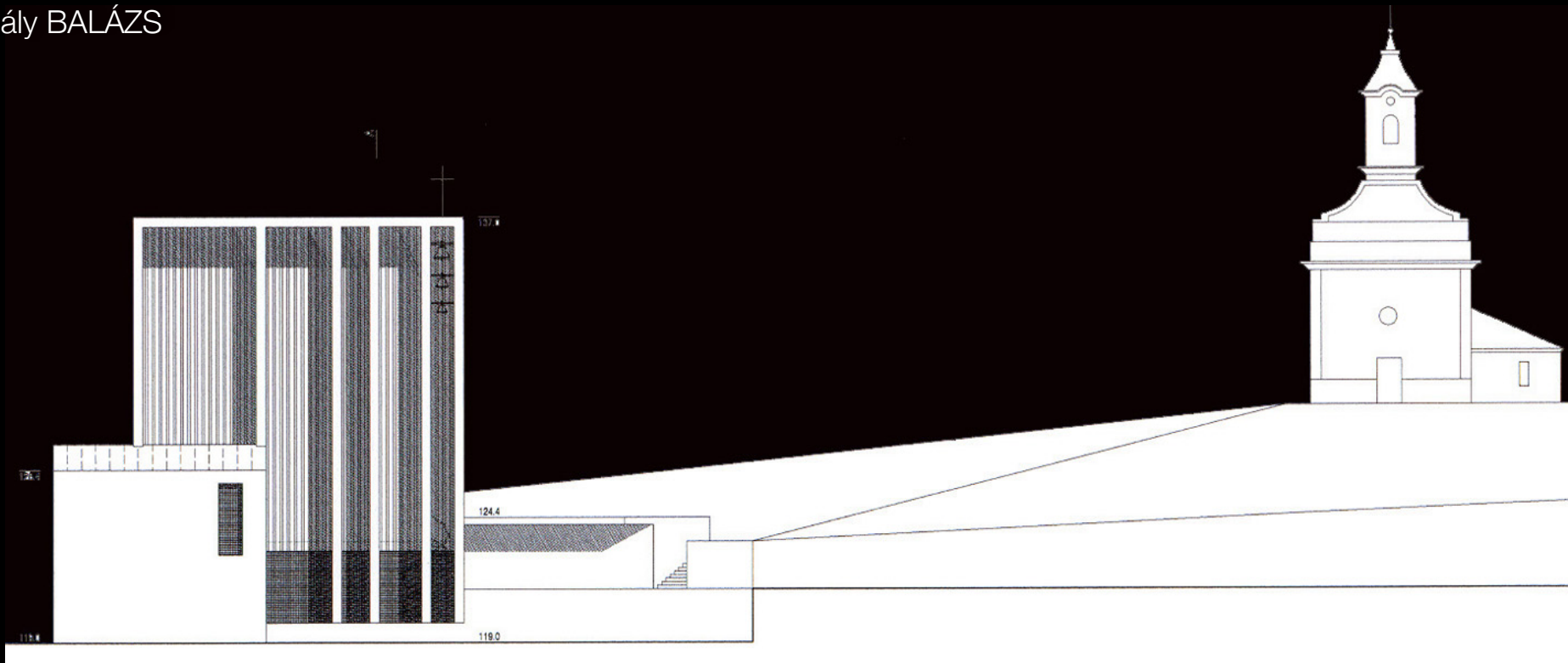


Catholic church Győr, Hungary 2011

Mihály Balázs



Mihály BALÁZS



Catholic church Győr, Hungary 2011

Mihály Balázs



Dimitra ZARRI



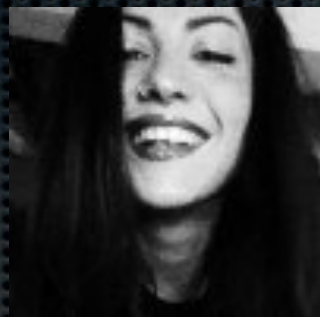
Natalia CUCONESCU



Kostas KOSNETZOF



Arash PIRAYESH



Eva FERRARI



Nikolas KOURETAS



Yaron TAM



Christos PYLARINOS



Bjørn Ivar
HEGGELUND



Pavlos
SHIAKALLIS



Michelle GERAVELIS



Ashkan PIRAYESH



Shaileshwar
YADAV



Ivana KARAICIC



Pegah
ESLAMPIA



Esa RISTISUO



Nikolas KOURETAS





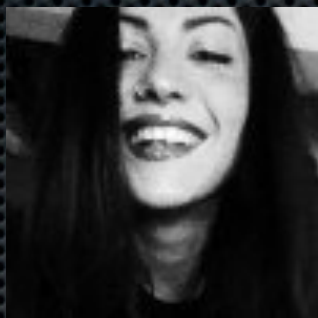
Arash PIRAYESH



ساختمان اداری
کارخانه

Kar Khaneh office building
Tehran 2016

körép
Schrammel Zoltán



Eva FERRARI



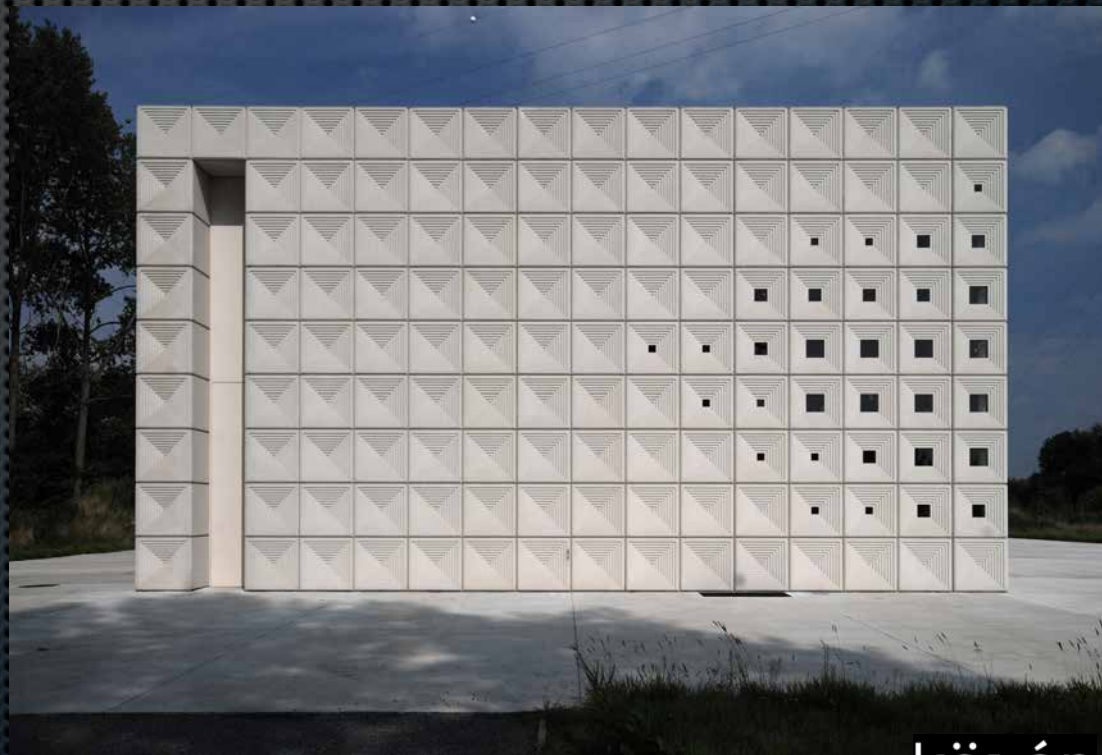


Kostas KOSNETZOF





Yaron TAM





Michelle GERAVELIS





Bjørn Ivar
HEGGELUND

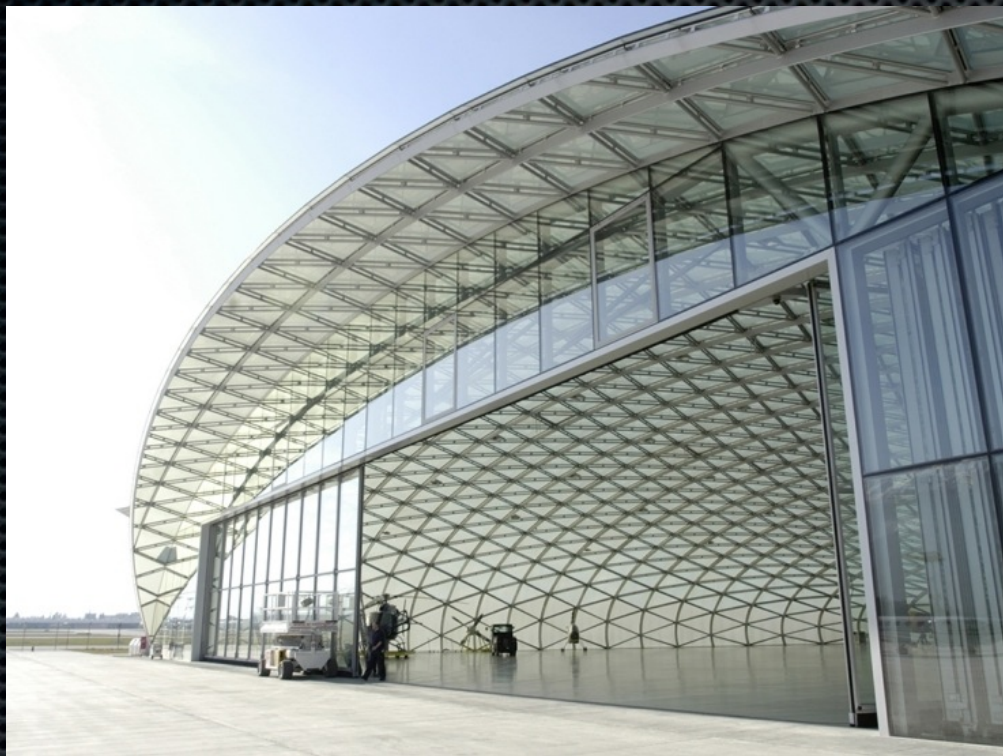




Pavlos
SHIAKALLIS







Ashkan PIRAYESH

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DESIGN ?

To design is to devise courses of action aimed at changing existing situations into preferred ones

Herbert Simon
Nobel laureate

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DESIGN ?

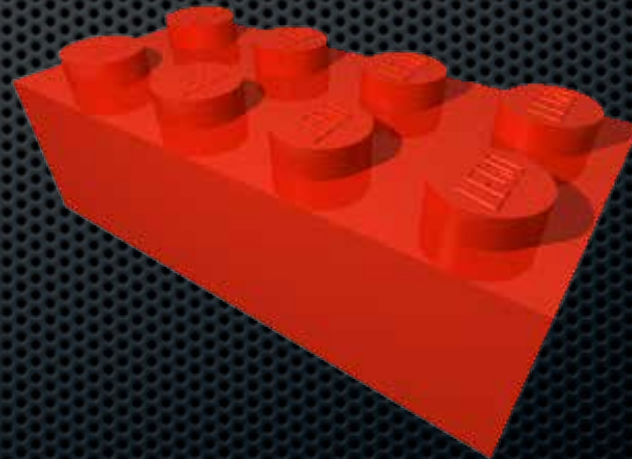
“Design is a process of developing purposeful and innovative solutions that embody functional and aesthetic demands based on the needs of the intended user. Design is applied in the development of goods, services, processes, messages and environments.” (SVID)

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DESIGN ?

Denmark:

Design is a creative process which integrates the physical qualities of a product with aesthetic considerations.



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DESIGN ?

Different arts of design:

- ✦ OBJECT



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- ✦ 0. **PREFACE** - WELCOME - INTRODUCTION

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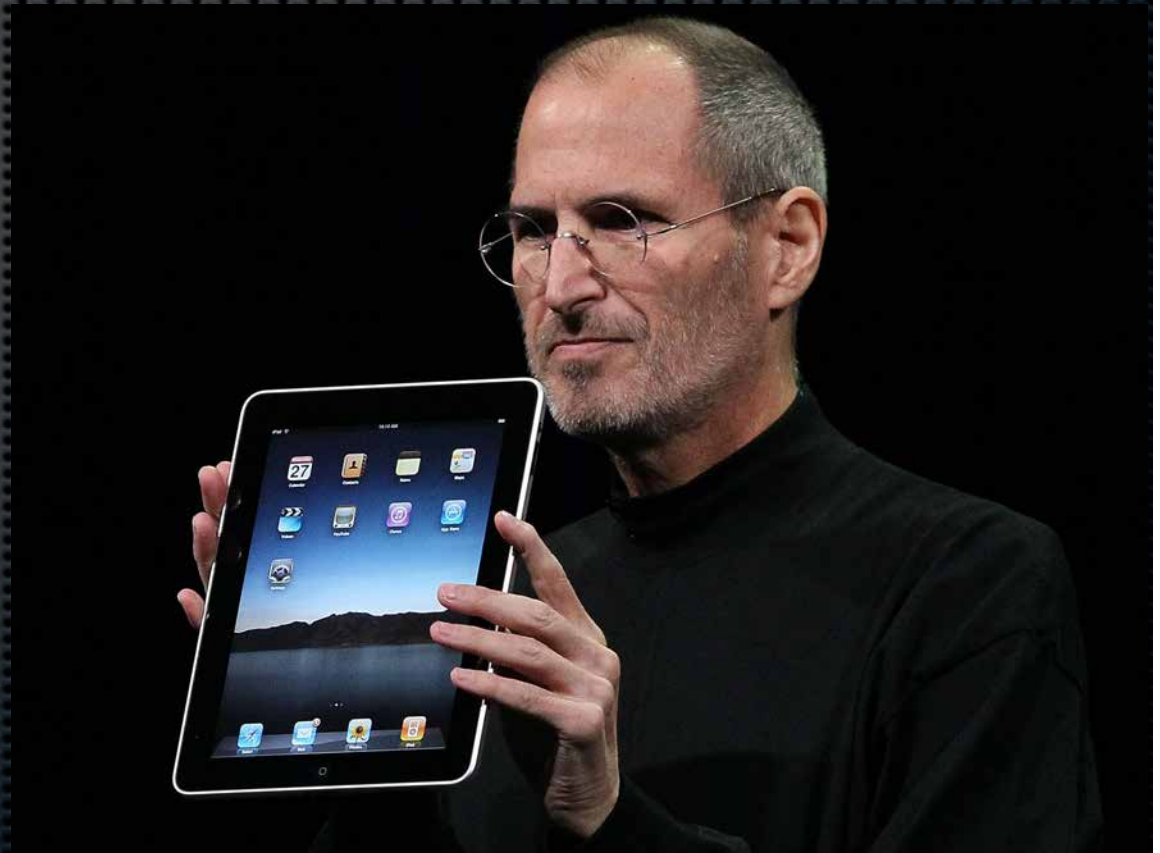


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DESIGN ?

Different arts of design:

- ✦ OBJECT



but

design is never only decoration - decoration is not a design

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DESIGN ?

Different arts of design:

- ✦ OBJECT
- ✦ PROCEDURE



but

design is never only decoration - decoration is not a design

- ✦ PROGRAM OF SEMESTER COURSE
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DESIGN ?

Different arts of design:

- ✦ OBJECT
- ✦ PROCEDURE
- ✦ URBAN

but

design is never only decoration - decoration is not a design



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DESIGN ?

Different arts of design:

- ✦ OBJECT
- ✦ PROCEDURE
- ✦ URBAN
- ✦ LANDSCAPE

but

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- ✦ 0. **PREFACE** - WELCOME - INTRODUCTION

DESIGN ?

Different arts of design:

- ✦ OBJECT
- ✦ PROCEDURE
- ✦ URBAN
- ✦ LANDSCAPE
- ✦ ARCHITECTURE

but

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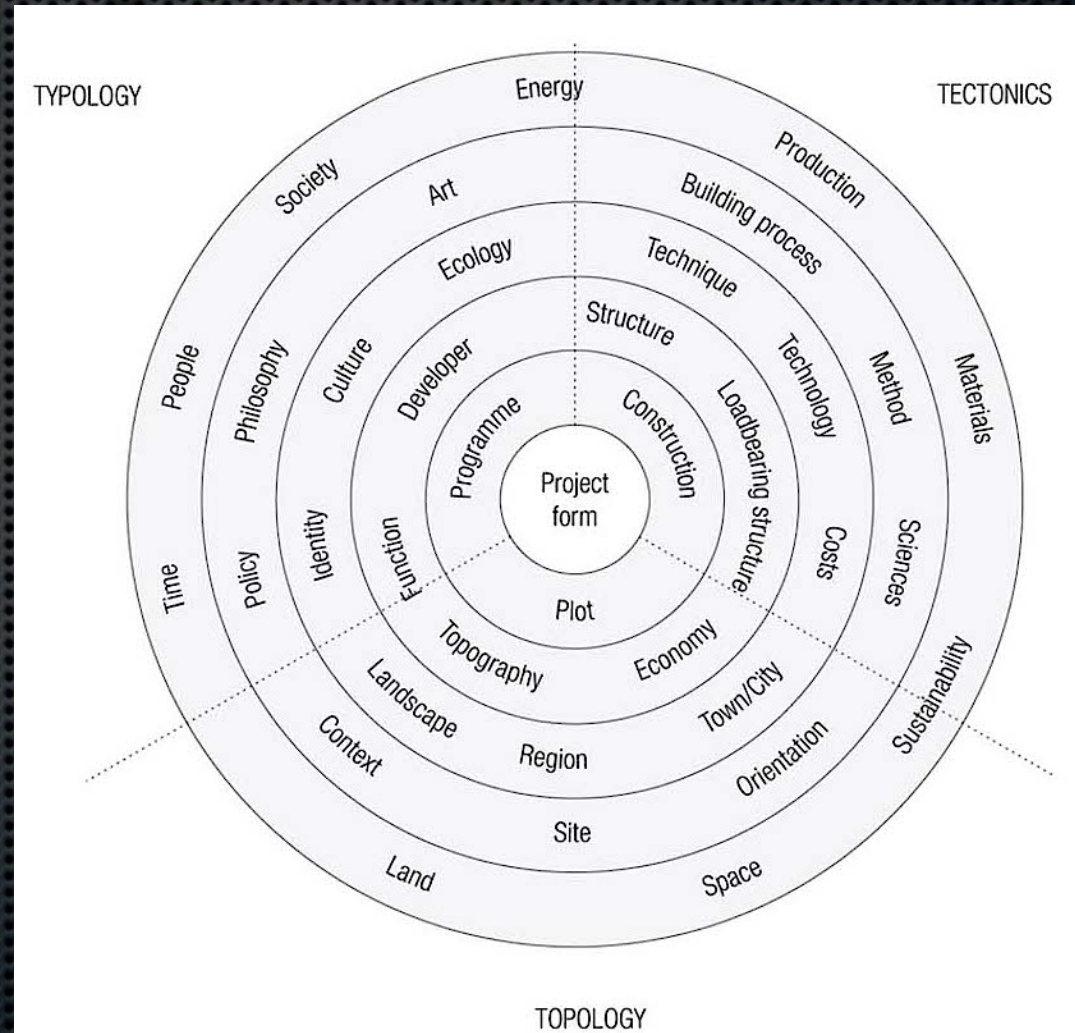


- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. **PREFACE** - WELCOME - INTRODUCTION

DESIGN

Different arts of design:

- ✦ OBJECT
- ✦ PROCEDURE
- ✦ URBAN
- ✦ LANDSCAPE
- ✦ ARCHITECTURE



- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. PREFACE - **WELCOME** - INTRODUCTION

BEING AN
ARCHITECT ? **with FUN!**
DOING
DESIGN ?
HOW ?



"Indecent Proposal"
Woody Harrelson and Demi Moore

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BEING AN ARCHITECT



Where We Design...



...What We Design

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fun of victory
STUDIO WEEK
2012.

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PROJECT DESIGN
2015-16.

- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. PREFACE - **WELCOME** - INTRODUCTION



fun fun fun fun fun
PROJECT DESIGN
2015-16.

- ✦ PROGRAM OF SEMESTER COURSE
- ✦ 0. PREFACE - WELCOME - **INTRODUCTION**
- ✦ 1-4. WAY OF DESIGN
 - ✦ - COMPONENTS,
 - ✦ - METHODS,
 - ✦ - APPROACH
- ✦ 5. DESIGN FACTORS
- ✦ 6. DESIGN PHASES AND MEMBERS
- ✦ 7. ARCHITECTURE AND THE ARTS
- ✦ 8. SUSTAINABILITY IN ARCHITECTURE
- ✦ 9. DESIGN WITH ARCHITECTURAL MONUMENTS
- ✦ 10. NEW CONCEPTS OF DESIGN, SOCIAL ARCHITECTURE



TIMETABLE AND TOPIC SCHEDULE

Wednesdays 8:30 AM - 10 AM, K 350

DATE	PROGRAM	LOCATION	TOPIC
Feb. 6.	lecture	BME K350	Introduction, general information about the semester course, welcome to FUN!
Feb. 13.	lecture	BME K350	Way of design basics - balance of spirit and material
Feb. 20.	lecture	BME K350	Way of design I. - components of design Issue of Homework I.
Feb. 27.	lecture	BME K350	Way of design II. - methods of design Submission of Homework I.
March. 6.	lecture	BME K350	Way of design III. - approaches to design
March. 13.	lecture	BME K350	Way of design IV. - design factors of architecture
March. 20.	Spring Holiday	-	no class
March. 27.	Studio week	-	no class
Apr. 3.	Spring Holiday	BME K350	Design phases and members - practice of design
Apr. 10.	lecture	BME K350	Architecture and art Issue of Homework II.
Apr. 17.	lecture	BME K350	New design concepts, social architecture Submission of Homework II.
Apr. 24.	lecture	BME K350	Design with architectural monuments - a special field of design
May. 1.	lecture	BME K350	no class
May. 8.	lecture	BME K350	Summary

TIMETABLE AND CONDITIONS

Wednesdays 8:15 AM - 10 AM, K 350

homework 1.:

homework 2.:

final results:

Way of completion: active participation in lectures, submitting of valuable homeworks - 2 during the semester

Detailed requirements:

- participation in min. 70% of lectures (checking of presence 5 times - 3 must be positive),

Bibliography:

Nikolaus Pevsner: History of Building Types,

Francis D.K. Ching: Architecture, form, space and order

Neufert: Architects' Data Book,

Charles Jencks: The New Paradigm in Architecture

Robert Venturi: Complexity and Contradiction in Architecture,

Francis D.K. Ching and others: A Global History of Architecture,

Kenneth Frampton: A Critical History of Modern Architecture,

Andrea Deplazes: Constructing Architecture: Materials, Processes, Structures

Z.Schrammel: Notes for Design Methodology*

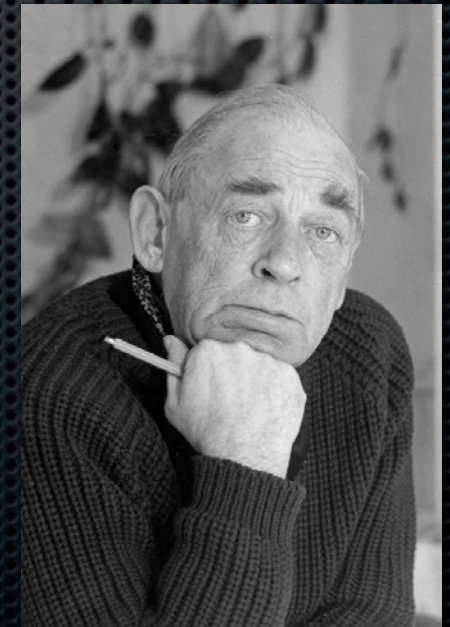
*can be downloaded from www.kozep.bme.hu - parallel with the course

ALVAR AALTO



ARCHIQUOTE

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Alvar AALTO

Quote for today:

“We shape our buildings;
thereafter they shape us.”

Winston Churchill