

„The Library of Medicine of the ULB Düsseldorf  
in the O.A.S.E. – an Example of modern,  
well-designed Learning-Spaces“

Lectures at the LIBER LAG Prague 2012

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UNIVERSITÄTS- UND  
LANDESBIBLIOTHEK  
DÜSSELDORF

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# INTRODUCTION



## Introduction

### The University and North Rhine-Westphalian State Library Düsseldorf:

- „Single-level“ library system
- 1 Central Library
- 4 „Special Subject Libraries“:
  - Humanities
  - Natural Sciences
  - Law
  - Medicine
- Several outside stacks

## Introduction

### The „old“ Library of Medicine:

- 3 buildings constructed in 1960th and 1970th
- 2.650 m<sup>2</sup> including 1.200 m<sup>2</sup> of book stacks
- 84 readers seats in 2 seperate buildings
- no-study rooms for students
- 10 offices for staff
- no training-room (E-learning), cafeteria or recreation areas
  
- Closed in 2008 maintaining a part of the book stacks (750 m<sup>2</sup>)

## Introduction

### The „new“ Library of Medicine:

- 1 building completed in 2011
- 3.033 m<sup>2</sup>
- 476 readers seats
- 20 study-rooms for students
- 3 offices for staff
- 1 training-room (E-learning)
- 1 cafeteria and several recreation areas
- no closed access stacks: outside stack in the „old“ library

# THE PROJECT „O.A.S.E.“ / OASIS

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## The Project „O.A.S.E.“ / OASIS

**OASE** O-rt des

A-ustauschs, des

S-tudiums und der

E-ntwicklung

„Place of exchange, study and development“



## The Project „O.A.S.E.“ / OASIS

- The Project Group:
- The ULB (University and North-Rhine-Westphalian State Library) Düsseldorf
- The Office of the Dean of Studies of Medicine
- The Students of Medicine (Fachschaft Medizin)
- The Technical Department of the Clinical Hospital of the Heinrich-Heine-University Düsseldorf
- HPP Architects Düsseldorf
- Interior Designers Silvia Pappa Düsseldorf and UKW Interior Designers Krefeld

## The Project „O.A.S.E.“ / OASIS

### Aims

An innovative library in an innovative learning-center:

- motivating and comfortable learning-spaces
- a variety of opportunities for study and work
- state-of-the art technology
- new Curriculum 2011 -> new learning facilities
  
- Last but not least:  
areas of recreation and communication

# ARCHITECTURE

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## Architecture: The Idea behind the Design of HPP Architects



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## Architecture: The Idea behind the Design of HPP Architects



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## Architecture: The Idea behind the Design of HPP Architects



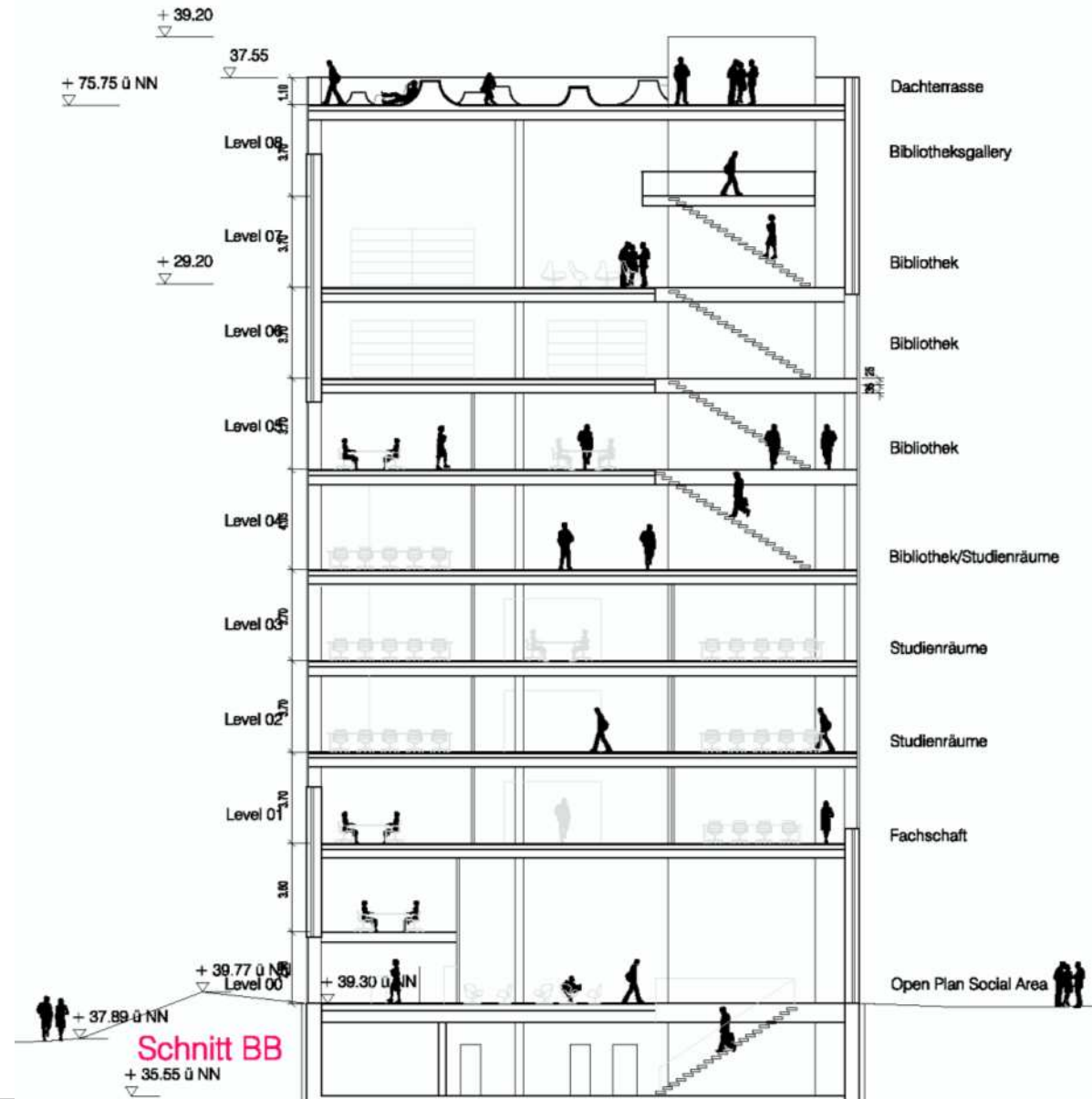
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# FUNCTIONAL AREAS





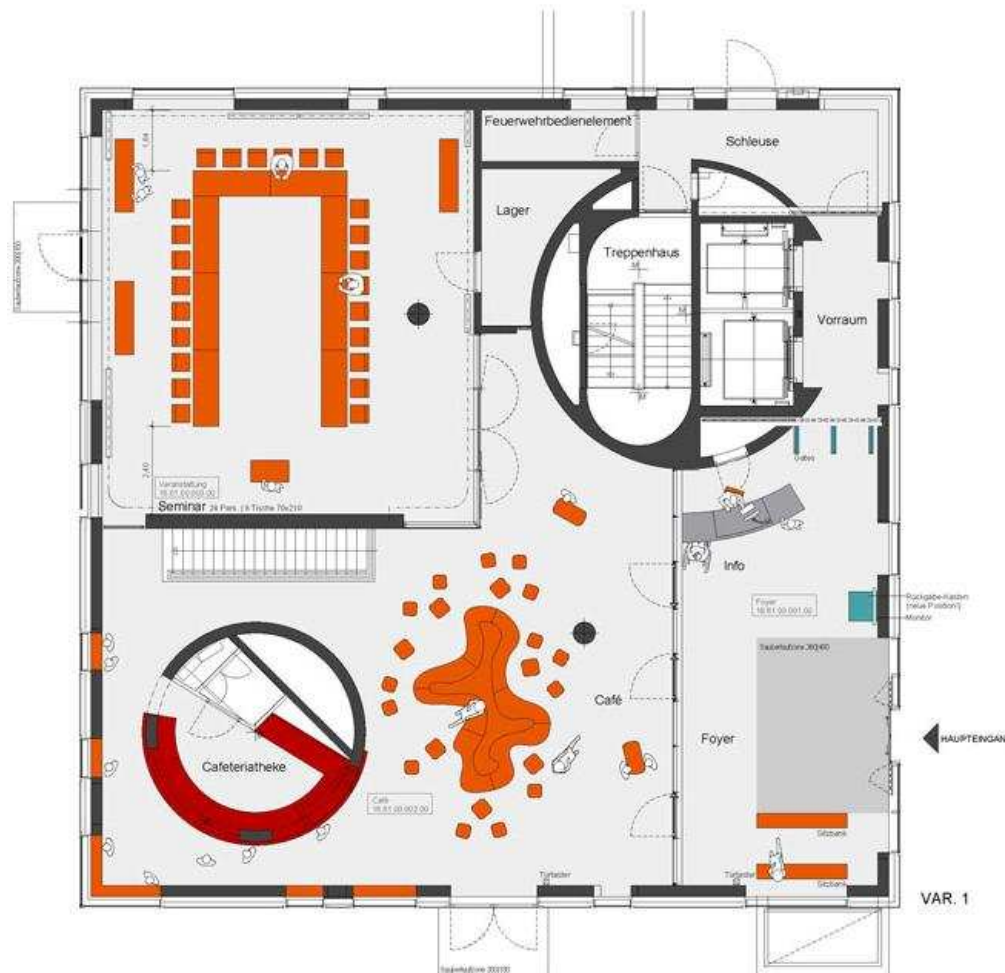
# Functional Areas



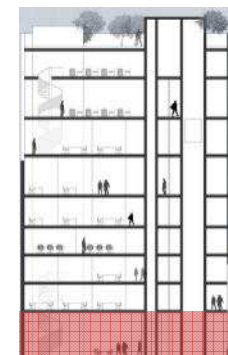
# BUILDING: DESIGN AND ACOUSTICS



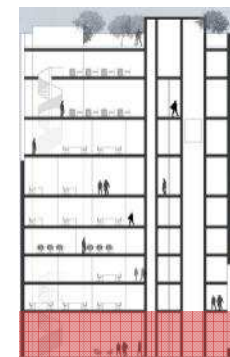
# The Building: Design and Acoustics – Ground Floor



- Events room
- Cafeteria
- Reception desk

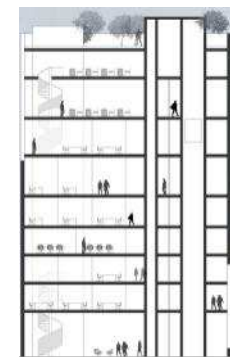
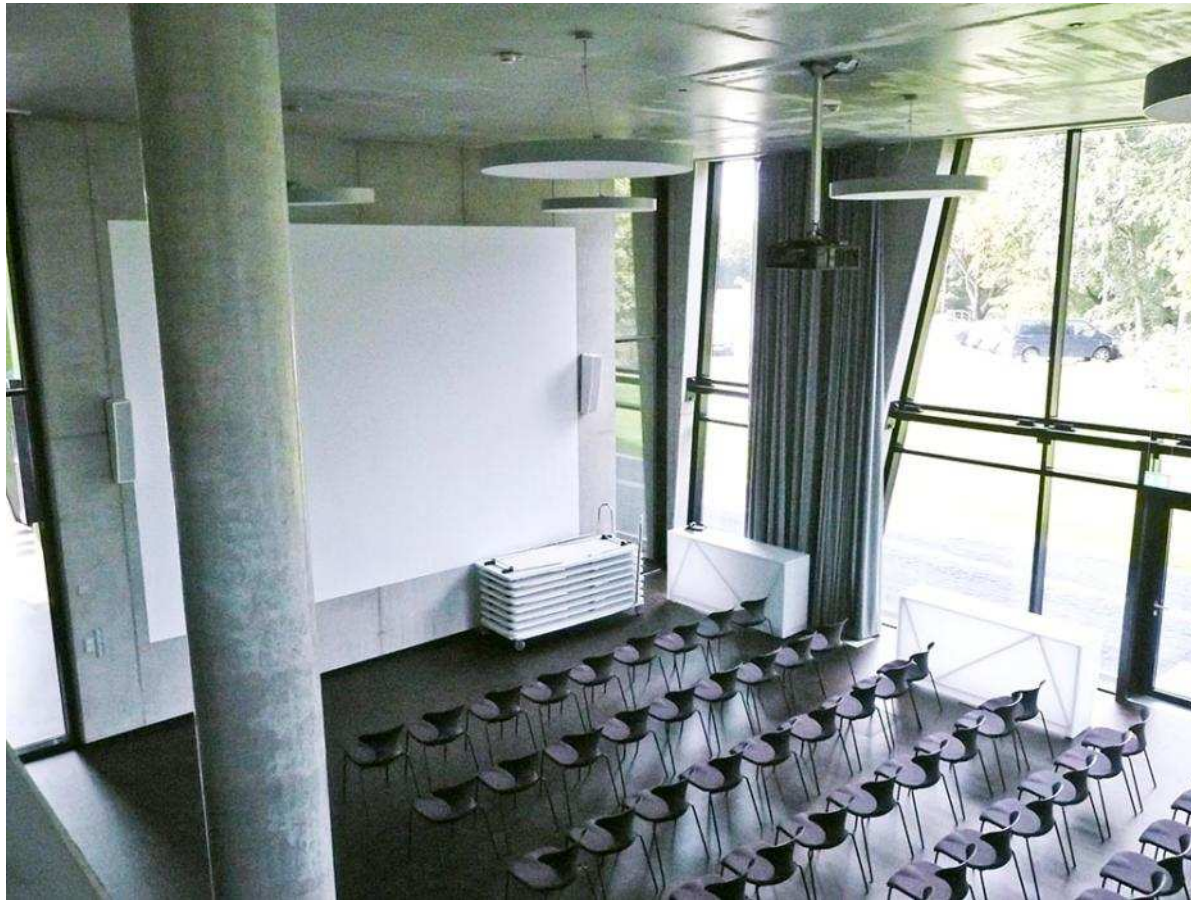


# The Building: Design and Acoustics – Ground Floor



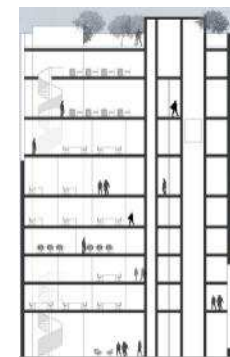
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## The Building: Design and Acoustics – Ground Floor



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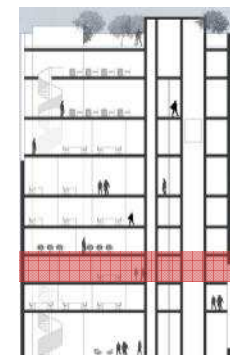
## The Building: Design and Acoustics – Ground Floor



## The Building: Design and Acoustics – Level O1



## The Building: Design and Acoustics - Level O2



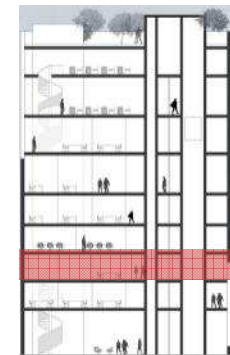


## The Building: Design and Acoustics: Level O3



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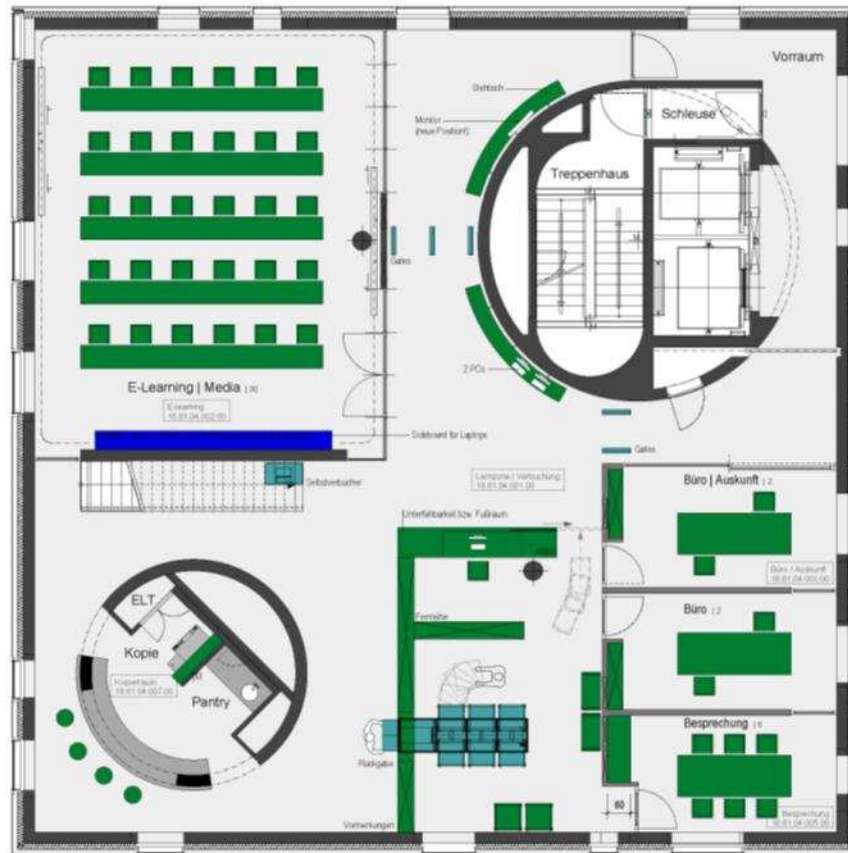
## The Building: Design and Acoustics - Level O2



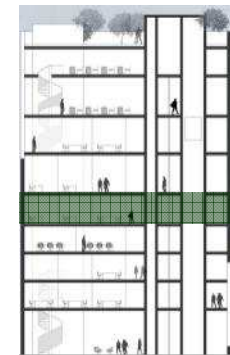
# The Building: Design and Acoustics: Level O1



# The Building: Design and Acoustics – Level O4: Library

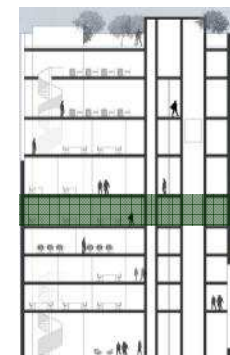
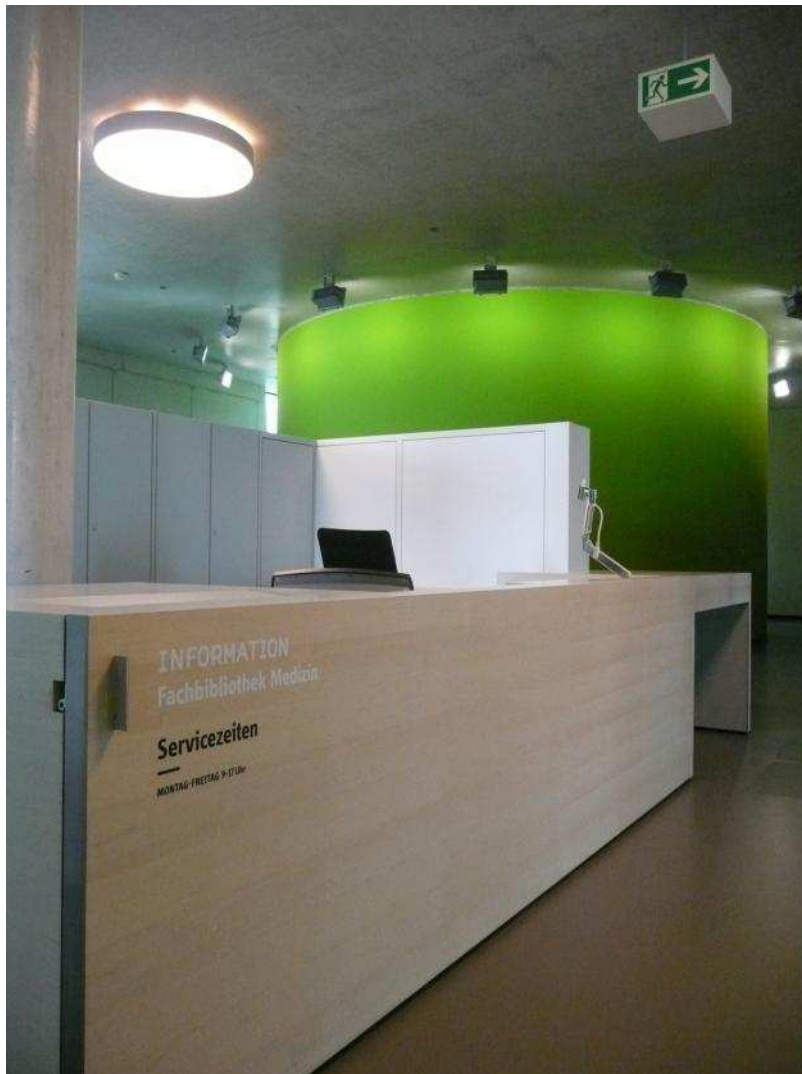


- Lending and Reference Desk
- E-Learning-/Trainingroom
- Offices for the staff
- Selfcheck devices
- Self-service shelves



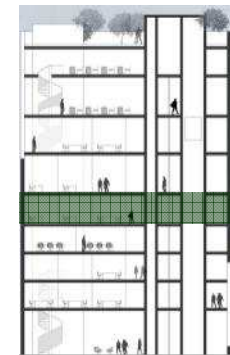
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## The Building: Design and Acoustics – Level O4: Library

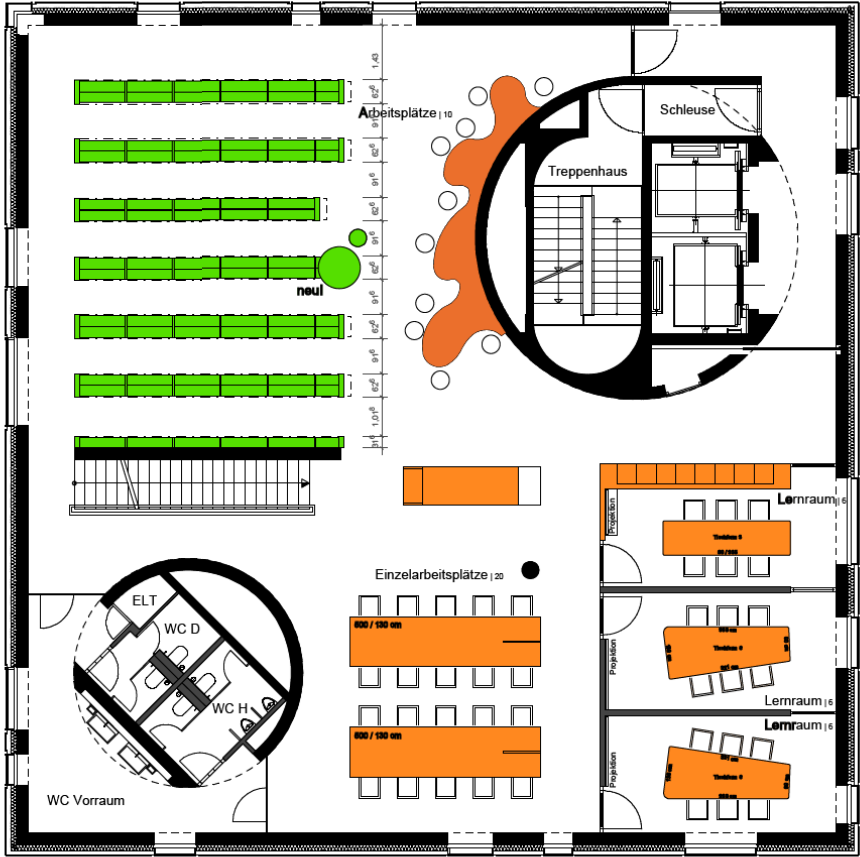


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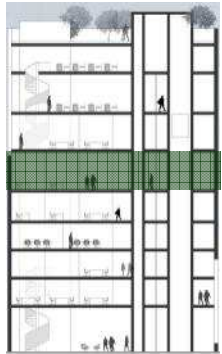
## The Building: Design and Acoustics – Level O4: Library



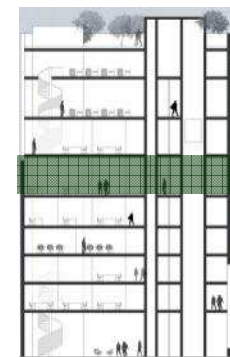
# The Building: Design and Acoustics – Level O5: Library



- Textbook collection
- Study-rooms
- Single learning spaces
- Selfcheck



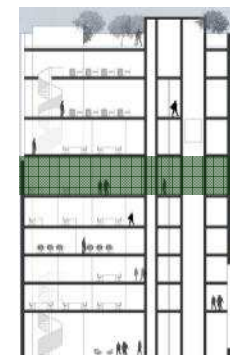
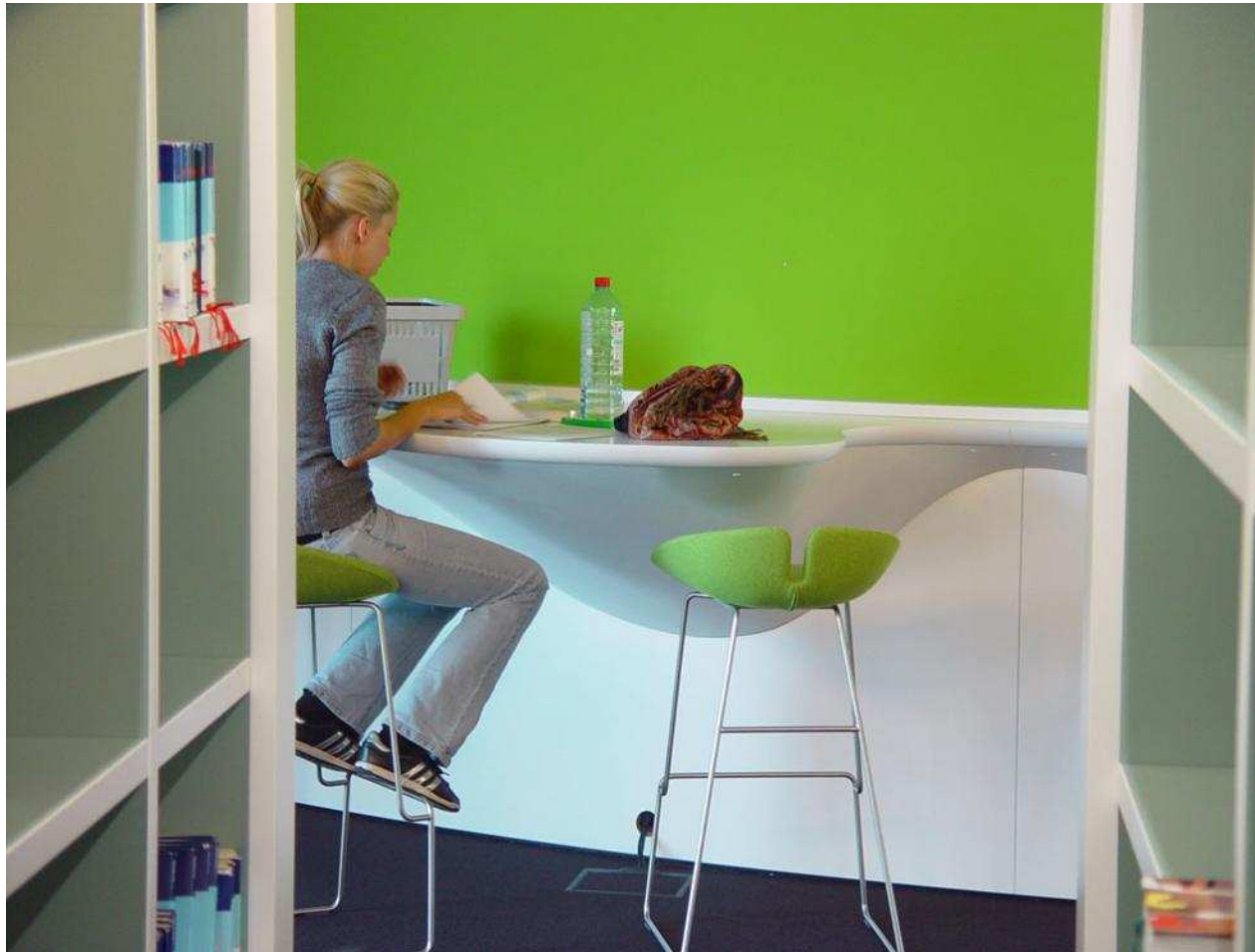
## The Building: Design and Acoustics – Level O5: The Library



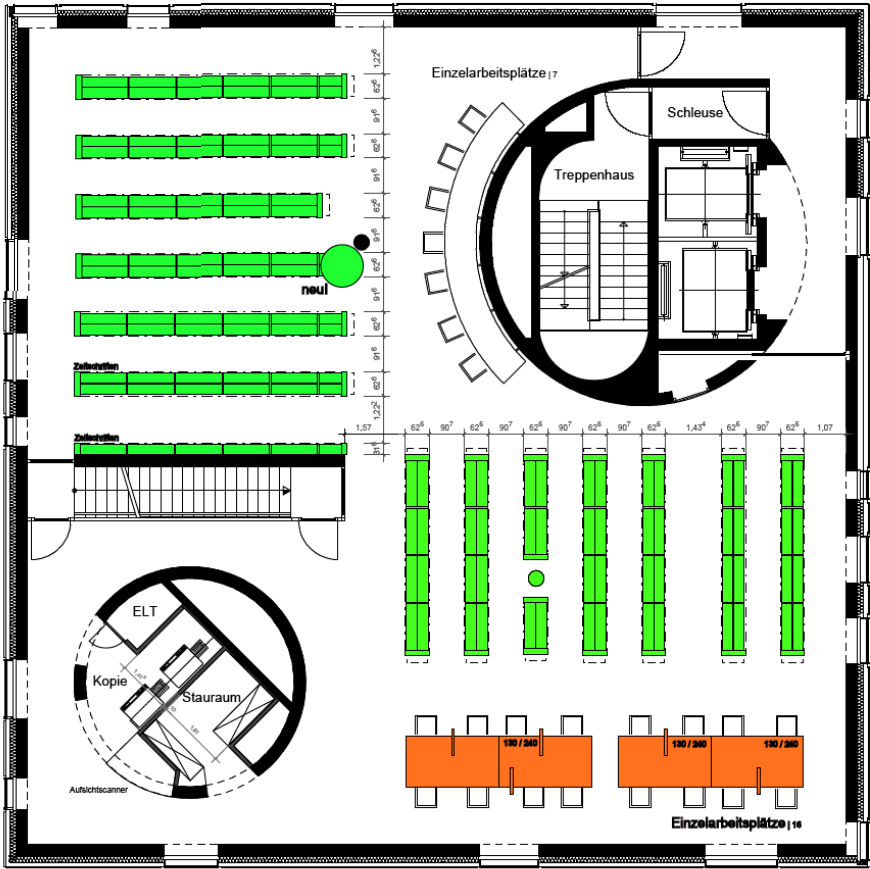
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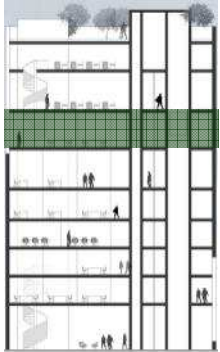
## The Building: Design and Acoustics – Level O5: Library



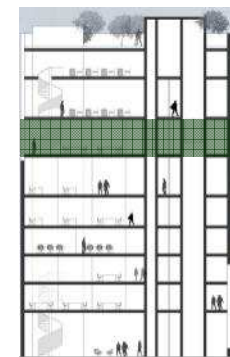
# The Building: Design and Acoustics – Level O6



- Jorunals
- Docu-Lounge
- Single learning spaces

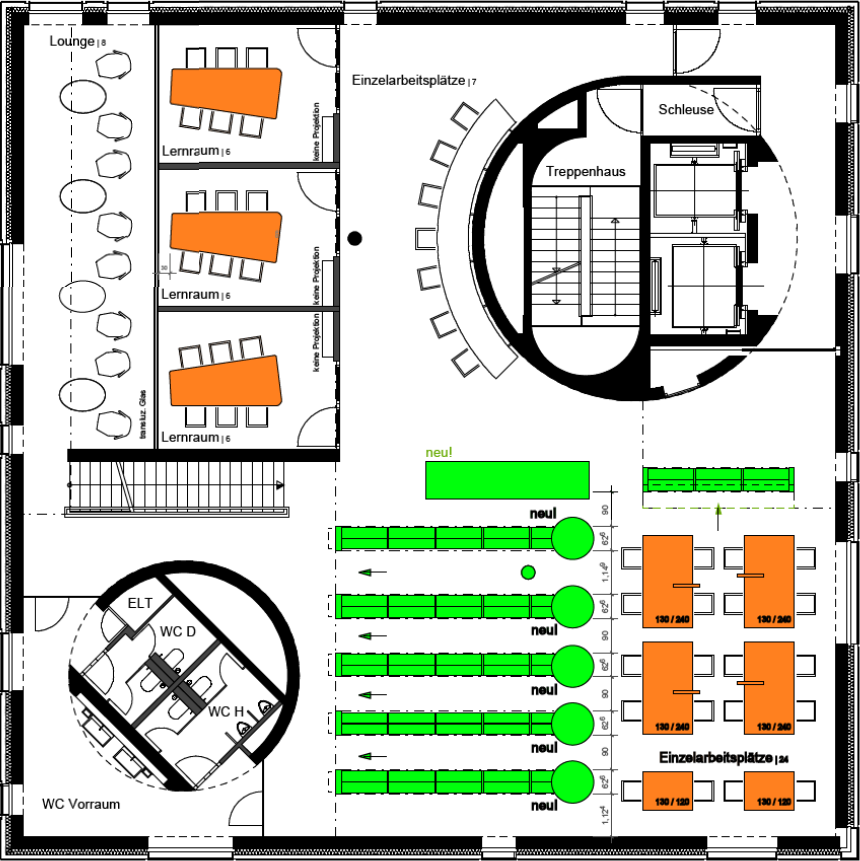


## The Building: Design and Acoustics – Level O6: Library

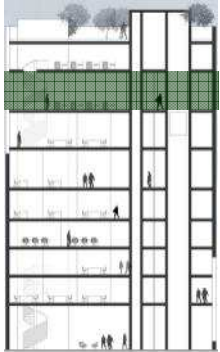


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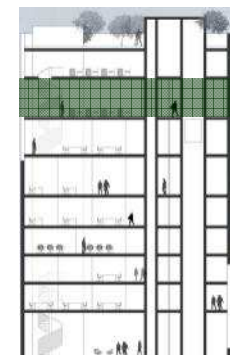
# The Building: Design and Acoustics – Level O7: The Library



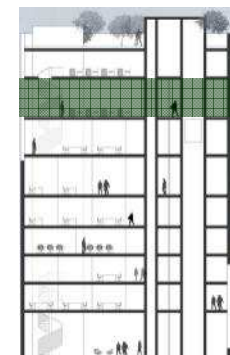
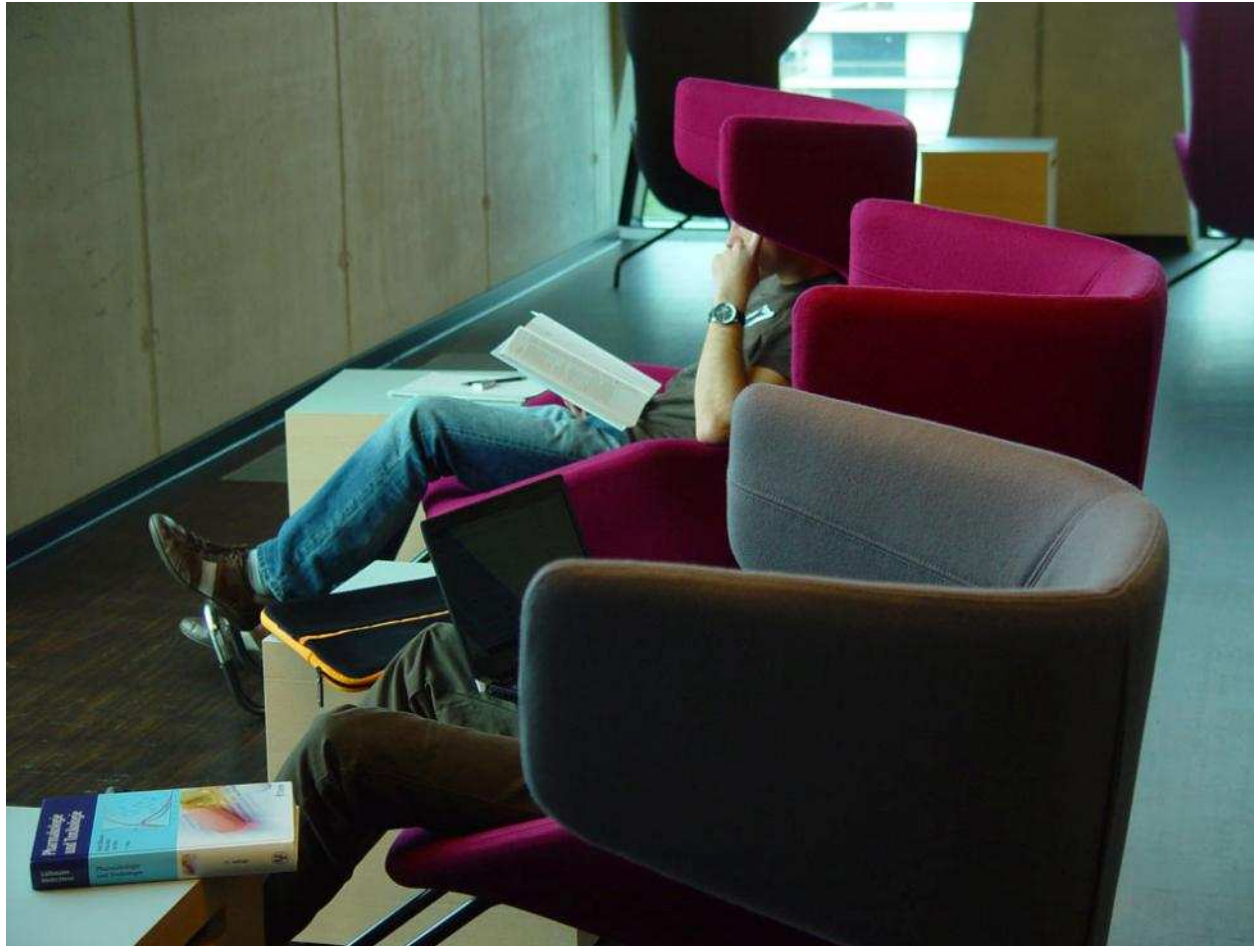
- Monographic works
- Study-rooms
- Single learning spaces
- „Library-Lounge“



## The Building: Design and Acoustics - Level O7: The Library

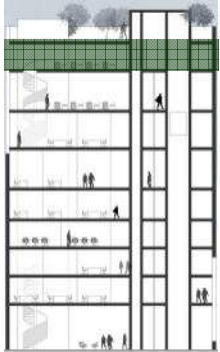
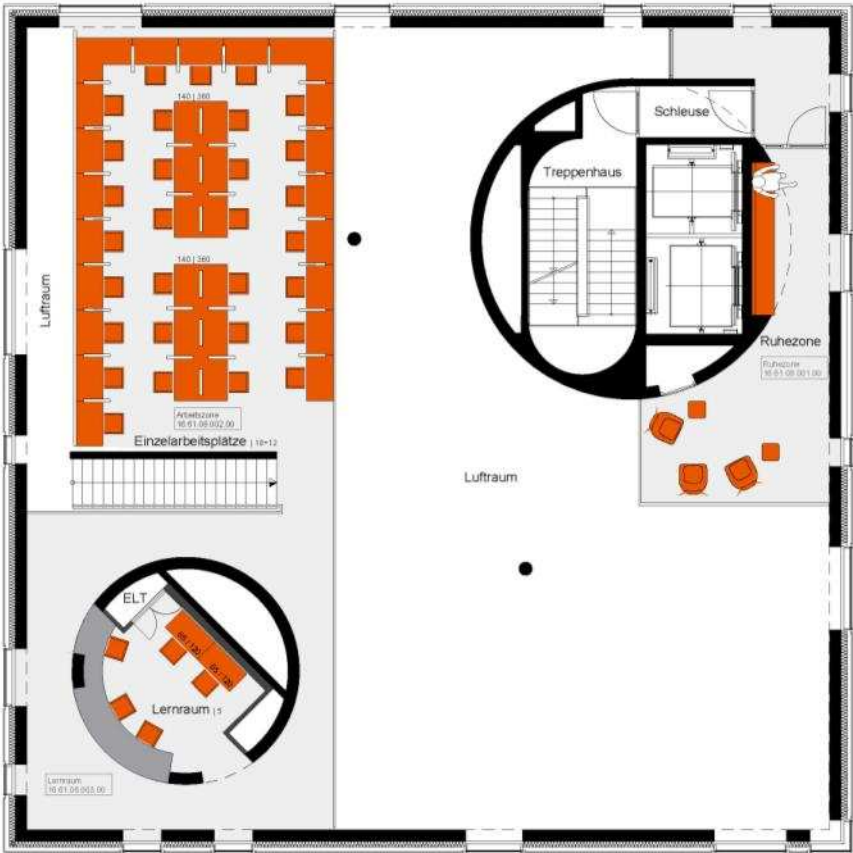


## The Building: Design and Acoustics - Level O7: The Library

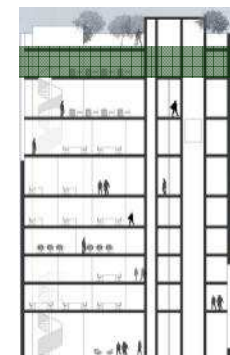


# The Building: Design and Acoustics - Level O8: The Library

- Single learning spaces



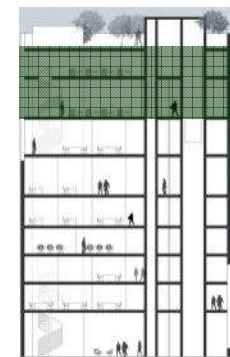
## The Building: Design and Acoustics - Level O8: The Library



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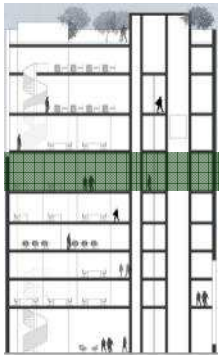
## The Building: Design and Acoustics – View from Level O8 to Level O7



# SUMMERY

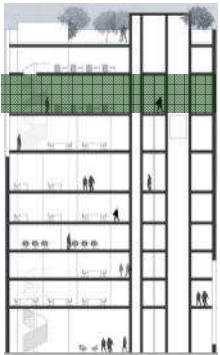
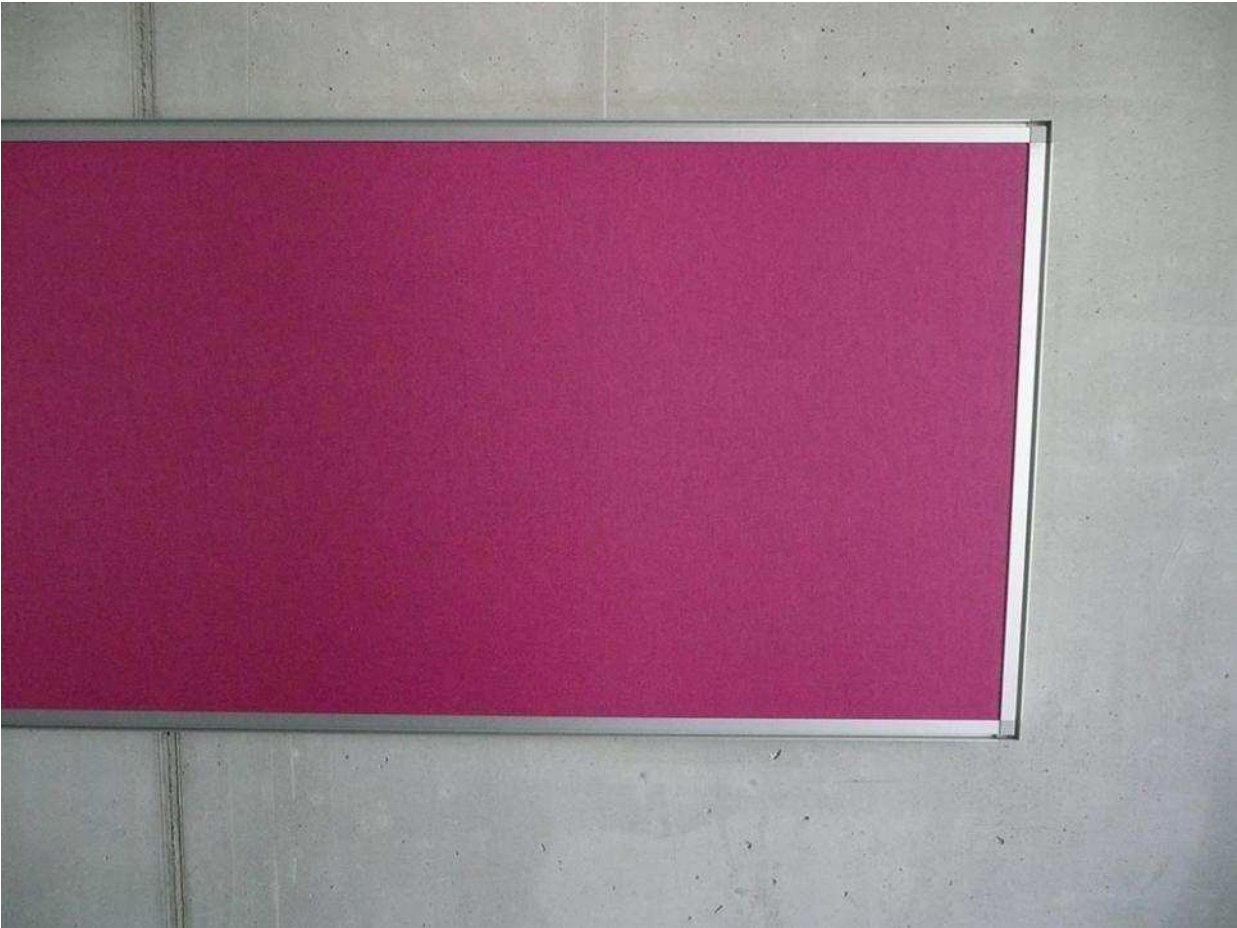


# Summery: Design and Acoustics

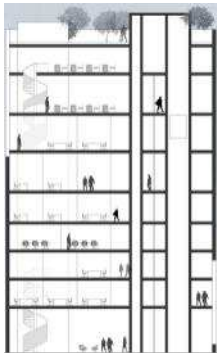


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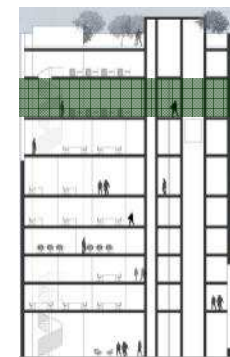
# Summery: Design and Acoustics



# Summery: Design and Acoustics



## The Building: Design and Acoustics - Level O7: The Library



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## Summery: Sound insulation

- Building physicist
- Use of carpeting with special coating (T-SONIC)
- Curtains of sound-absorbing materials
- Sofas (highbacks) upholstered with sound-absorbing materials
- Acoustic panels on walls
- Acoustic panels on the desks
- All rooms as soundproof as possible
- All doors closing as quietly as possible



**Thanks  
for  
Listening!**

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## Graphics and Fotos

Slide 1:

Slides 14, 23 – 25, 27, 32,  
41, 48:

Slides 12, 17, 21, 22, 26, 29,  
30, 44, 46:

Slides 13, 15, 20, 33, 35, 37,  
38, 43, 45:

Slides 19, 28, 31, 34, 36, 39:

Ralph Richter

Reiner Kaltenbach

HPP Architects Düsseldorf

ULB Düsseldorf

Floor plans:

HPP Architects Düsseldorf

Interior design:

ARGE UKW Usinger + Klein-Wiele

Krefeld und Silvia Pappa Düsseldorf

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