



Academic excursion at the Vienna University of Technology

Participants: students and teachers from Lviv Polytechnic National University and the Vienna University of Technology

“New Urban Densities in Vienna” Excursion 24th – 27th of June 2019

The excursion was organised within the framework of bilateral cooperation between the Vienna University of Technology and Lviv Polytechnic National University.

REPORT



Städtebau TU Wien



BMBWF
BUNDESMINISTERIUM
FÜR BILDUNG, WISSENSCHAFT
UND FORSCHUNG



Federal Ministry
Republic of Austria
Education, Science
and Research

Topic: “New Urban Densities in Vienna”

The excursion was organised within the framework of bilateral cooperation between the Vienna University of Technology and Lviv Polytechnic National University.

12 architecture students and **2 tutors** from **2 universities** in Austria and the Ukraine took part in this workshop. This excursion, focusing on Urban Design, was organised within the framework of the academic partnership between the Vienna University of Technology and Lviv Polytechnic University.
(www.vienna-lviv.info)

Tutors from Lviv Polytechnic National University

Doz. Anton Kolomyeytsev

Univ. Assistant. Solomiia Konyk

List of Students from Lviv Polytechnic National University

Viktoriiia Aloshyna

Daria Blashchuk

Vladyslav Bobuskyi

Anastasiia Hapanovych

Denys Horodnyak

Olha Khymytsia

Andrii Kniaz

Oleksandr Levytskyi

Maryna Peleshchak

Polina Peleshchak

Iryna Petenko

Mariana Trofimchuk



24.06 MONDAY

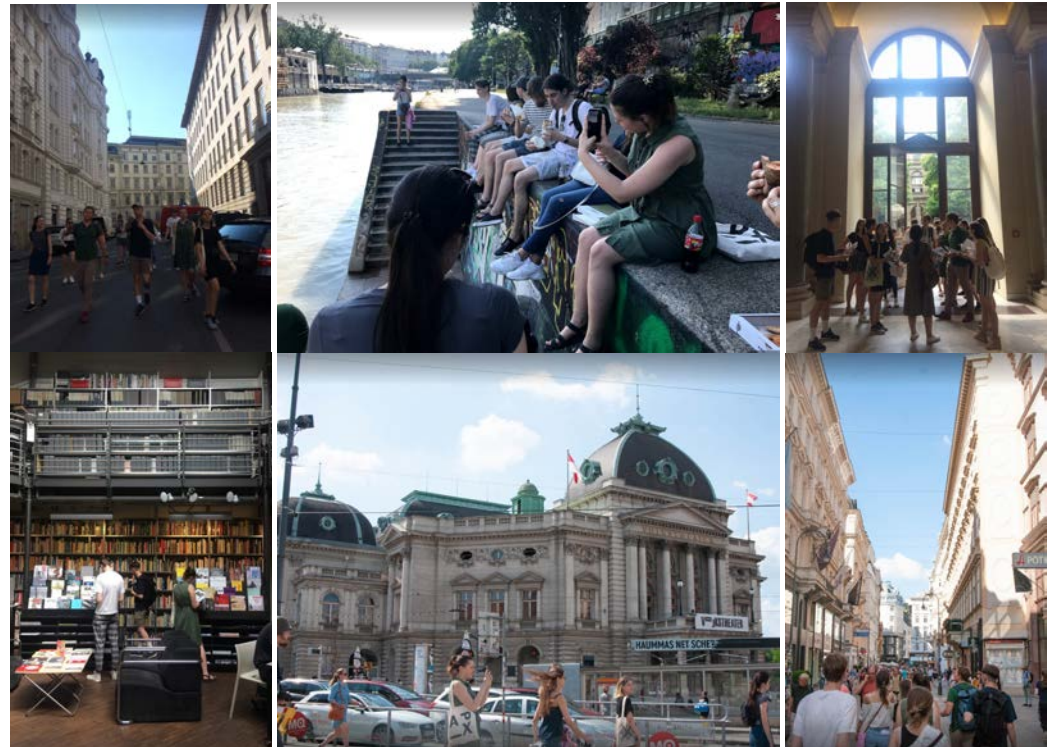
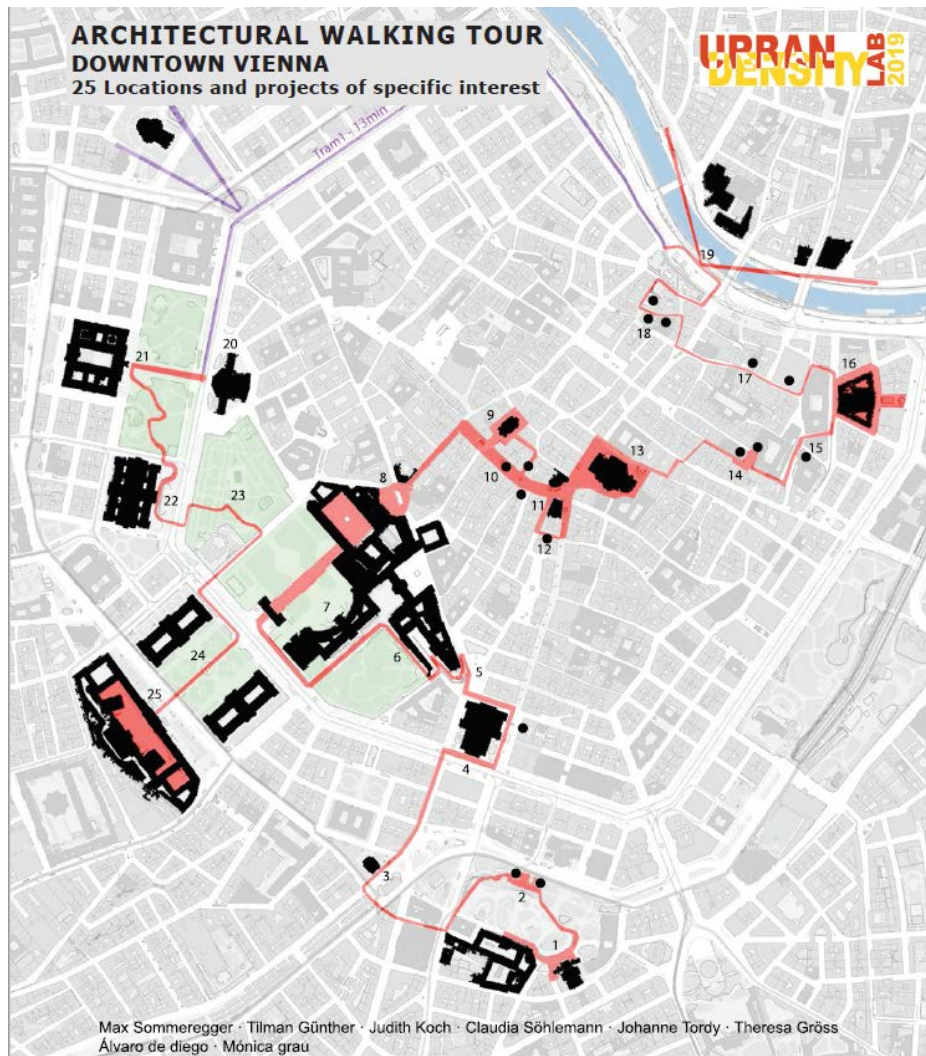
12:00 -13:00 EXCURSION TO NEW DEVELOPMENTS, WIEN HAUPTBAHNHOF
16:00 - 20:00 CITY CENTRE WALKING TOUR

12:00 - 13:00 EXCURSION TO NEW DEVELOPMENTS, WIEN HAUPTBAHNHOF



16:00 - 20:00

CITY CENTRE WALKING TOUR [1]



1 ST. CHARLES BORROMEO
2 WAGNER STATIONS
3 SECESSION
4 STAATSOPERN
5 ALBERTINA
6 BURGGARTEN
7 HOFFBURG
8 MICHAELERPLATZ
9 ST.PETERS

10 GRABEN
11 HAAS BUILDINGS
12 LOOS CAFE
13 ST. STEPHAN
14 OLD UNIVERSITY
15 DOMINIKANER
16 POST OFFICE WAGNER
17 GREEK ORTHODOX CHURCH
18 ST.RUPERT

19 DONAUKANAL
20 BURGTEATER
21 RATHAUS
22 PARLAMENT
23 VOLKSGARTEN
24 ARTS+NAT.HISTORY MUSEUMS
25 MUSEUMS QUARTIER

25.06 TUESDAY

09:30 - 13:30

PRESENTATION OF URBAN DESIGN PROPOSALS BY THE STUDENTS FROM TU WIEN

15:00 - 20:00

EXCURSION TO THE NEW HOUSING DEVELOPMENTS IN SONNWENDGASSE

PRESENTATION OF URBAN DESIGN PROPOSALS BY THE STUDENTS FROM TU WIEN

Final presentation of the workshop 'Urban Density Lab Lviv 2019' projects at TU Wien.

Tutoring TU Wien

Andreas Hofer

Christian Gigler

Anastasia Hujvan

Olivia Daschill

Invited: Guest Critics

Solomiya Konyk

Anton Kolomyeytsev

Markus Otto

Bohdan Tscherkes

Academic Cooperation

TU Wien / Lviv Polytechnic

National University / Brandenburg

University of Technology Cottbus-

Senftenberg / Gdansk University

of Technology



9 urban design proposals to upgrade the settlements *Naukova* and *Vyhovskoho* in Lviv, Ukraine were presented by students from the Vienna University of Technology.



15:00 - 20:00

EXCURSION TO THE NEW HOUSING DEVELOPMENTS IN SONNWENDGASSE [2]



SONNWENDGASSE SONNWENDVIERTEL

Project area: 34 ha

Park area: 8 ha

Apartment number : 5 000

People: 13 000

Work places: 20 000



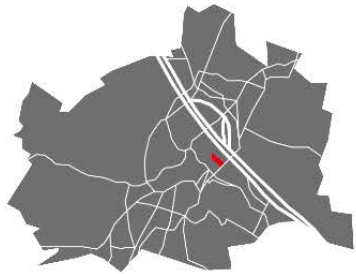
EXCURSION TO THE NEW HOUSING DEVELOPMENTS IN SONNWENDGASSE



26.06 WEDNESDAY

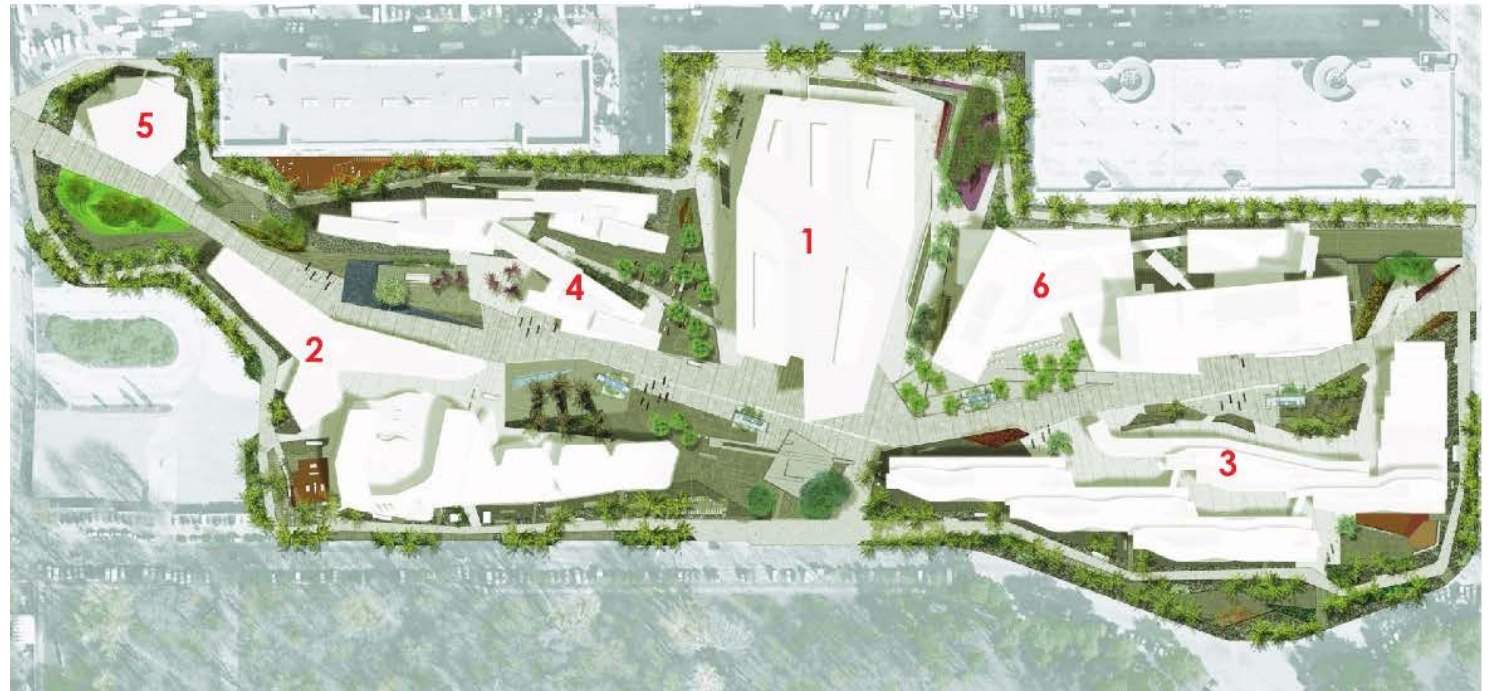
09:00 - 13:00 EXCURSION TO WU CAMPUS AND VIERTEL ZWEI
14:00 - 18:00 EXCURSION TO ASPERN
18:00 - 20:00 TRIP TO KAHLENBERG

09:00 - 13:00 EXCURSION TO WU CAMPUS AND VIERTEL ZWEI [3]



WU CAMPUS

Project area: 67000 m²
Project year: 2013
Construction period: 41 months
Cost: 462 mln.eur
Students: 25000
University Staff: 1500



EXCURSION TO WU CAMPUS



1. Library & Learning Center, Zaha Hadid and Patrik Schumacher, Project Architect Cornelius Schlotthauer (Zaha Hadid Architects)

The new Library & Learning Center rises as a polygonal block from the heart of the new university campus. The interior of the LLC is informed by the external circulation in the masterplan which maps out the different levels of the building. The straight lines of the building's exterior separate as they move inwards, becoming curvilinear and fluid to generate a free-formed interior canyon that serves as the principal public centre, as well as generating corridors and bridges which ensure smooth transitions between different levels.



2. D3, Sir Peter Cook and Gavin Robotham (CRAB Studio, London)

A series of terraced garden-decks on the roof of the Law Library connect the open spaces of the central university court with the Prater Gardens. There are passageways under the body of the building that reinforce this connection. The plan form of the law building zig-zags in and out and creates 'sunshine corners', bringing natural light into the whole building and this adds to the relaxed atmosphere of the 200m long structure. The bold colour is intended to bring life to the campus and was chosen deliberately to contrast with the grey days of Viennese autumn and winter. It was voted the most enjoyable working environment on campus.



3. Atelier Hitoshi Abe (AHA Studio)

The goal for this programmatically complex academic facility was to develop a clear organizational strategy that would maximize flexibility, promote interaction between the various academic departments and allow for a high degree of permeability across the site/ In order to accomplish this, a series of slender overlapping volumes were arranged along the length of the site. The space between each volume is a shared atrium. The slender volumes maximize views towards the urban and natural preserves and act as boundaries that define large exterior plazas as well as a sequence of interconnected plazas in between the building volumes.

EXCURSION TO WU CAMPUS



4. D4, (Estudio Carme Pinos S.L, Barcelona)

The geometric façade features a playful arrangement of parallelograms with dynamically placed windows. Their geometry is also based on a pattern of intersecting parallelograms. Folding aluminum shutters provide protection from direct sunlight and gives the façade an ever-changing appearance.



5. Executive Academy Building, Eduardo Arroyo (NO.MAD, Madrid)

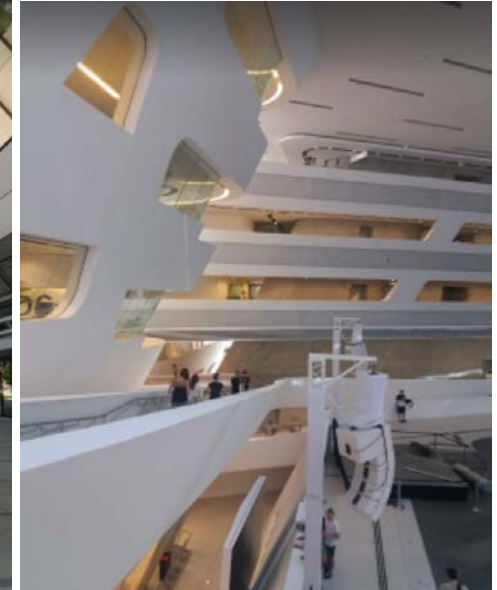
A series of generic volumes condenses all the pedagogical spaces and faculty departments inside and groups them by educational specialities into independent vertical structures. In all the vertical structures public access and multipurpose rooms are located on the ground floor, the teachers and administration departments in the intermediate floors and the seminar rooms and classrooms on the upper floors. This means that students can learn and study in an atmosphere enriched by distant views over the surrounding landscape.



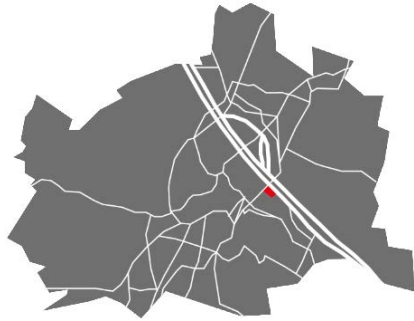
6. Auditorium Center. Laura P. Spinadel, Jean Pierre Bolivar and Bernd Pfuger (BUSarchitektur, Vienna)

Through a simple language and complex spatial sequences, the Auditorium Center on the WU Campus of the University of Economics and Business in Vienna allows one to recognise signals that drive the formation of society through architecture. Places for leisure and recreation have been created, squares in which interactions between different types of movements are created, or in other words, links between people, activities and architecture are generated.

EXCURSION TO WU CAMPUS



EXCURSION TO VIERTEL ZWEI

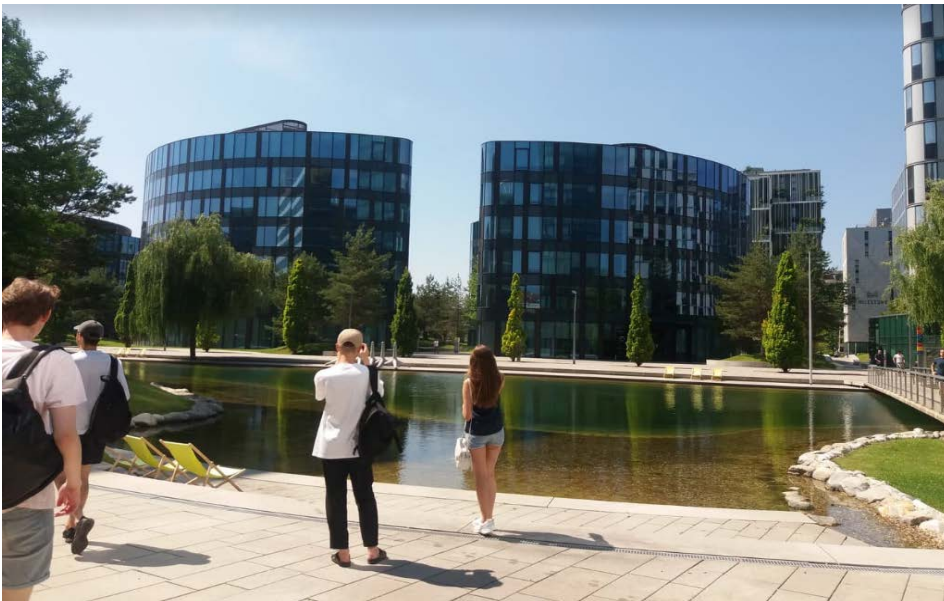
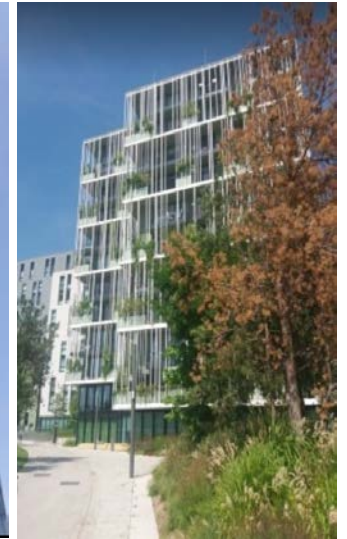


VIERTEL 2

Project area: 40 000 m²
 Project year: 2015-2017
 Office space: 80 000 m²
 Companies: 26
 Employees: 4000
 University Staff: 1500
 [4]



EXCURSION TO VIRTEL ZWEI [4]



In the heart of Vienna in the immediate vicinity of the 'Green Prater' recreational area, Heitkamp is building an exclusive apartment complex in the second quarter of the development project. The project was drawn up by the reputable Atelier Thomas Pucher and is comprised of 201 'high class' private property apartments, housed in seven different high-rise towers.

144 underground parking spaces can be found in the basement, which stretches across the full construction site, measuring approx. 12,000 m². The project also includes an ambitious design for the outside area, which can also be used by the integrated nursery school. [4]

EXCURSION TO ASPERN [6]



Site area 12 000 m²
Gross floor area 23 500 m²
Number of apartments 201

14:00 -18:00

EXCURSION TO ASPERN [5]



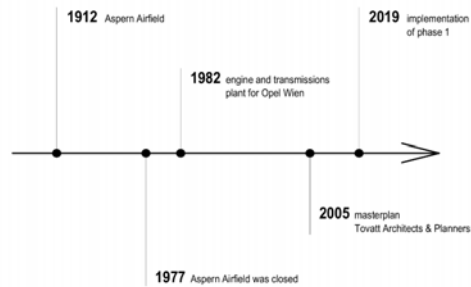
ASPERN

Project area: 240 ha

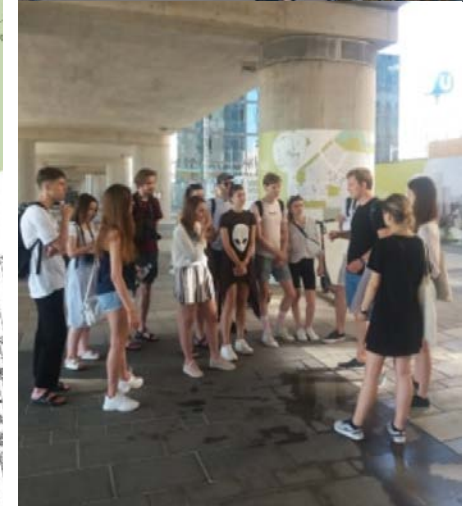
Housing: 1000 000m²

Offices, retail, social: 1000 000m²

Inhabitantants: 50 000



Masterplan architect: Tovatt Architects&Planners [5]



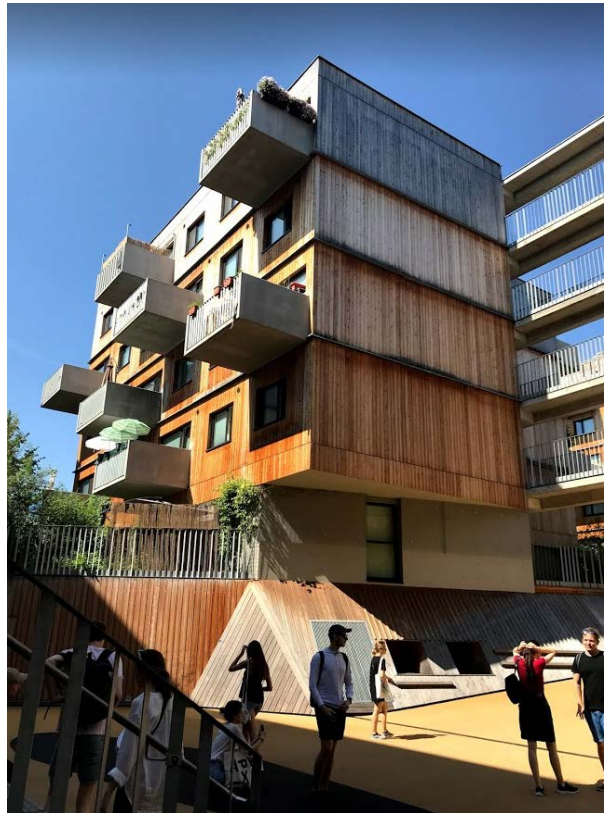
EXCURSION TO ASPERN [6]

WOOD HOUSING

Firm: Berger+Parkkinen Architekten, querkraft
architekten

Status: built

Year: 2005



WOOD HOUSING

The complex containing a total of 213 apartments and 8 shops consists of a group of clearly recognisable individual timber structures with slender and compact volumes. The staggered layout creates different kinds of courtyard-like spaces and a variety of visual relationships. The various parts are connected to each other by three rows of access decks that run in a north-south direction. These three circulation routes offer a varied spatial experience, provided by a sequence of light-flooded staircases, internal corridors and open access decks onto which communal terraces are docked. [6]

18:00-20:00 TRIP TO KAHLENBERG



27.06 THURSDAY

10:00 VISIT THE EXHIBITION «RED VIENNA» 1919-1934 [7]

Commom visit the exhibition «Red Vienna» 1919-1934, Wien Museum Musa (1010 Vienna, Felderstraße 6-8), 30 April 2019 to 19 January 2020 [7]



Imprint

Report on the Urban Densities of Vienna 24th–27nd of June, 2019, in Vienna, Excursion is organized within the framework of bilateral cooperation between Vienna University of Technology and Lviv Polytechnic National University.

Photo by: Konyk Solomiia, Anastasiya Huivan, Christian Gigler, Vladyslav Bobyski, Maryna Peleshchak,

Graphic materials prepared by the students of Lviv Polytechnic National University and Vienna University of Technology

Author: Solomiia Konyk

Sources:

[1] Architectural walking tour (was updated by master students of Architecture preparing the Urban Density Lab Vienna in June 2016 at TU Wien. The original version was compiled in 2006. For academic use only!)

Contact: Dr. Andreas Hofer andreas.hofer@tuwien.ac.at stb.tuwien.ac.at

[2] Internet source: Brochure Sonnwendviertel 2018, <http://www.wohnfonds.wien.at/website/article/nav/99>

[3] Internet source: WU Campus Masterplan / BUSarchitektur, <https://www.archdaily.com/447791/wu-campus-masterplan-busarchitektur>

[4] Internet source: Architecture Steiermark, <http://www.gat.st/news/wettbewerb-viertel-zwei-plus>

[5] Internet source: Wien 3420 aspern Development AG. <https://www.aspern-seestadt.at/en>

[6] Internet source: The plan, <https://www.theplan.it/eng/award-2018-housing/wood-housing-seestadt-aspern>

[7] Wien Museum Musa (1010 Vienna, Felderstraße 6-8), exhibition «Red Vienna» 1919-1934.