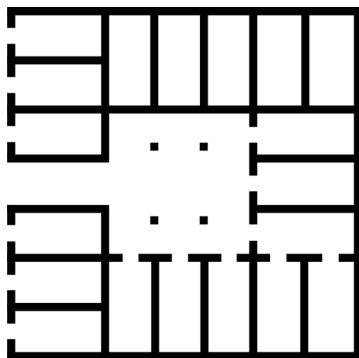


KAEBUP\_Knowledge alliance for evidence-based urban practice  
ISUFitaly\_International Seminar on Urban Form, Italian Network

# ISSUM

International Summer School of Urban Morphology

## PROGRAMME



Rome - 20/28 June 2022

**ISUFitaly**  
International Seminar on Urban Form  
Italian Network

kaebUp



**SAPIENZA**  
UNIVERSITA DI ROMA



**Erasmus+**



**U+D urbanform and design**  
online journal  
<http://www.urbanform.it/>

Editors: Giuseppe Strappa, Anna Rita Donatella Amato,  
Alessandra Pusceddu, Nicola Scardigno

## **ISUFitaly**

International Seminar on Urban Form  
Italian Network  
<http://www.isufitaly.com/>

Contacts

Phone: +393204316063

Mail: [isufitaly\\_morphologyproject@yahoo.com](mailto:isufitaly_morphologyproject@yahoo.com)

# PROGRAMME



rome - international summer school in urban morphology

# Organization

## Summer School Organizing Committee

Director: Giuseppe Strappa, *Sapienza University of Rome*

Organizing team: Anna Rita Donatella Amato, *ISUFItaly*  
Alessandra Pusceddu, *Sapienza University of Rome*  
Nicola Scardigno, *Politechnic of Bari*

Collaborators: Antonio Camporeale, *Politechnic of Bari*  
Francesca Delia De Rosa, *Sapienza University of Rome*  
Raffaele Tarallo, *Politechnic of Bari*  
Valentina Vacca, *Politechnic of Bari*

## Summer School Scientific Committee

(Kaeup, ISUF Regional Network, ISUFItaly)

Dafne Berc, *Social Fringe: Interesting Untold Stories*  
Anna Caramondani, *ALA Planning Partnership*  
Paolo Carlotti, *Sapienza University of Rome*  
Nadia Charalambous, *University of Cyprus*  
André Dias Araújo, *Andre Dias Araújo Architecture and Design*  
Wowo Ding, *Nanjing University*  
Vladan Djokic, *University of Belgrade*  
Ilaria Geddes, *University of Cyprus*  
Malgorzata Hanzl, *Lodz University of Technology*  
Matteo Ieva, *Politechnic of Bari*  
Anna Agata Kantarek, *Cracow University of Technology*  
Ayse Sema Kubat, *Istanbul Technical University*  
Marco Maretti, *University of Parma*  
Javier Monclús, *University of Zaragoza*  
Vitor Oliveira, *University of Porto*  
Amedeo Schiattarella, *Schiattarella Associati*  
Giuseppe Strappa, *Sapienza University of Rome*  
Yinsheng Tian, *South China University of Technology*  
Nevter Zafert Cömert, *Eastern Mediterranean University*

## Summers School participants

**Anna Rita Donatella Amato**

*ISUFItaly*

**Tomislav Augustincic**

*sf:ius - Social Fringe: Interesting Untold Stories*

**Michele Beccu**

*Department of Architecture\_Roma Tre University*

**Alessandra Capuano**

*Faculty of Architecture Dean\_Sapienza University of Rome*

**Paolo Carlotti**

*Faculty of Architecture\_Sapienza University of Rome*

**Piero Cimbolli Spagnesi**

*Faculty of Architecture\_Sapienza University of Rome*

**Carlos Dias Choelo**

*Faculdade de Arquitectura da Universidade de Lisboa*

**Francesca Geremia**

*Department of Architecture\_Roma Tre University*

**Hans van der Heijden**

*Hans van der Heijden Architect*

**Matteo Ieva**

*Department of Civil Engineering and Architecture\_Politechnic of Bari*

**Sylvain Malfroy**

*ETH Zurich*

**Marco Maretti**

*Department of Engineering and Architecture\_Parma University*

**Anna Bruna Menghini**

*Department of Civil, Constructional and Environmental Engineering\_Sapienza University of Rome*

**Alessandro Merlo**

*Department of Architecture\_University of Florence*

**Annalinda Neglia**

*Department of Civil Engineering and Architecture\_Politechnic of Bari*

**Vitor Oliveira**

*University of Porto*

**Giorgio Ortolani**

*Department of Architecture\_Roma Tre University*

**Franco Purini**

*Faculty of Architecture\_Sapienza University of Rome*

**Alessandra Pusceddu**

*Faculty of Architecture\_Sapienza University of Rome*

**Nicola Scardigno**

*Department of Civil Engineering and Architecture\_Politechnic of Bari*

**Amedeo Schiattarella**

*Schiattarella Associati*

**Jonathan Sergison**

*Accademia di Architettura di Mendrisio*

**Uwe Schröder**

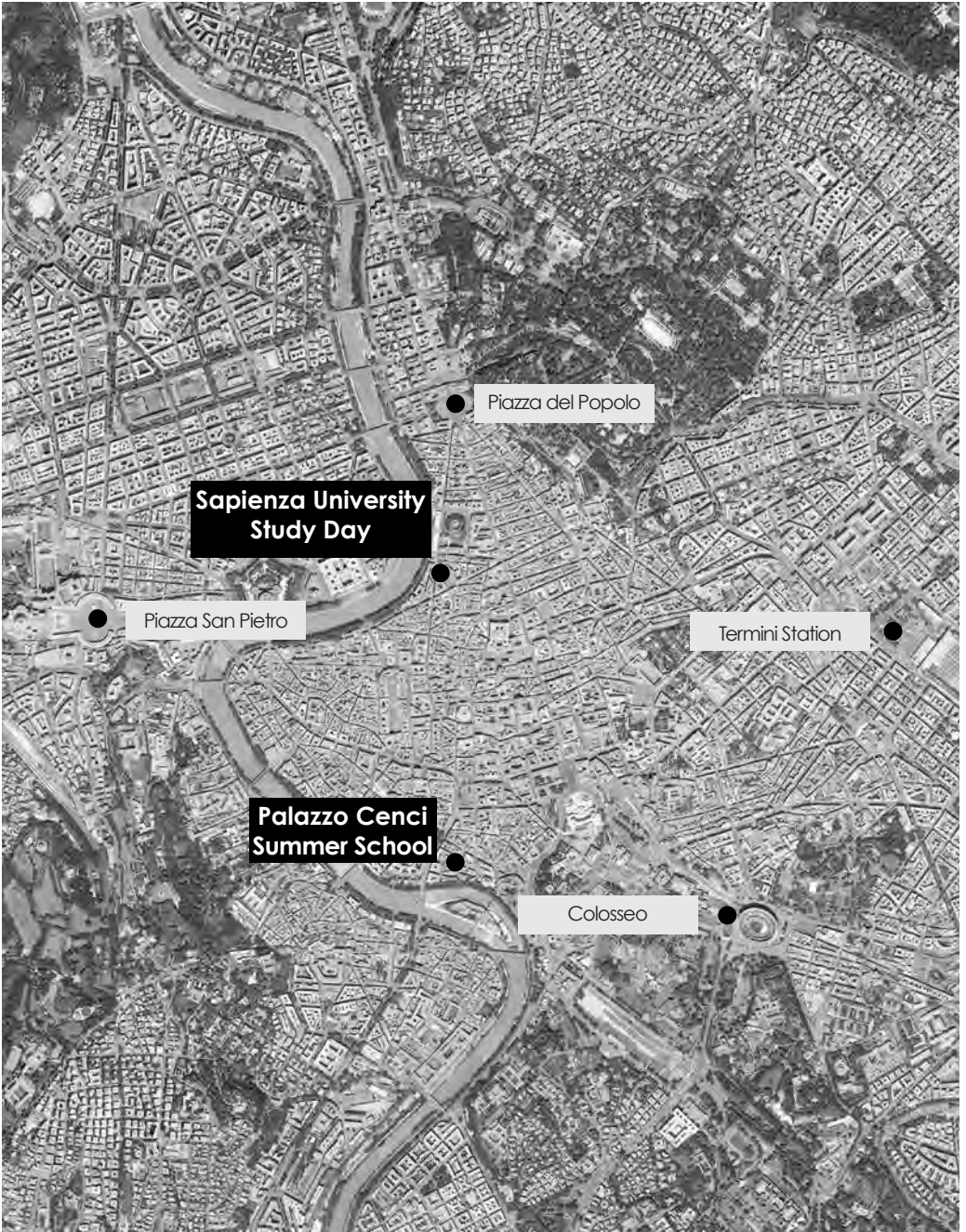
*RWTH Aachen University*

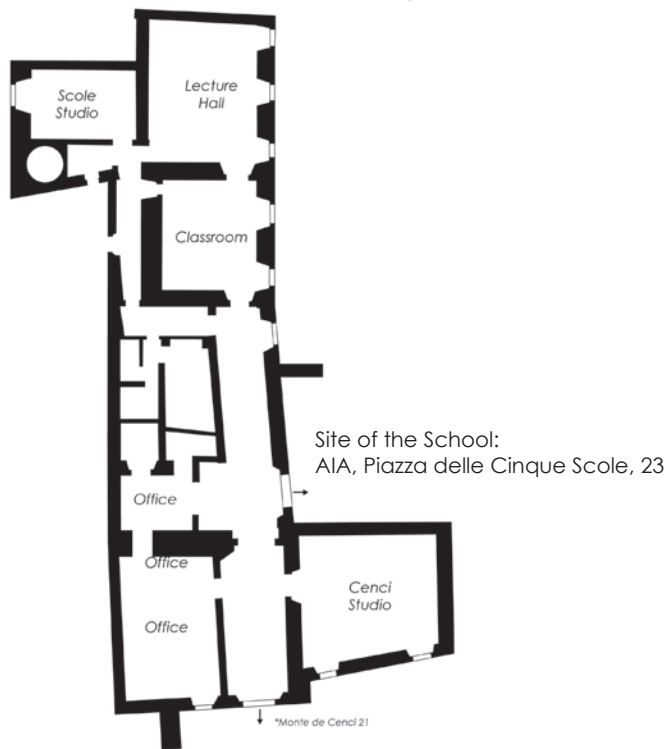
**Giuseppe Strappa**

*Faculty of Architecture\_Sapienza University of Rome*

**Michele Zampilli**

*Department of Architecture\_Roma Tre University*





## VENUE

### Study Day\_20th June 2022

Aula Magna, Faculty of Architecture Sapienza University, Piazza Borghese 09

### Summer School\_21th to 28th of June 2022

Lectures and studio work will take place at Palazzo Cenci Bolognetti, Piazza delle Cinque Scole, 23, int. 5, Rome. AIA (Academic Initiatives Abroad), The site is located in the Ghetto area.

### How to get to the locations:

From Leonardo da Vinci Airport to Rome: Train Leonardo to Roma Termini Station  
To Piazza Borghese 9: From Termini - Metro A Direction Battistini, stop Spagna - 10 minutes walk to Piazza Borghese 9.

For Palazzo Cenci: From Termini - Bus 40 Direction Ponte Sant'Angelo, stop Argentina - 7 minutes walk to Piazza Cenci; or Bus 170, stop Teatro di Marcello/Ara Coeli - 8 minutes walk to Piazza Cenci, or Bus 64 Direction San Pietro, stop Argentina - 7 minutes walk to Piazza Cenci.

### Low cost accomodation (hostels for students, from 280 euro to 700 euro for ten night)

RomeExperience Hostel, Via Statilia 31, Stazione Termini

Palladini Hostel, Rome Via Carlo Cattaneo 23, Stazione Termini

Roma Scout Center, Largo dello Scouting 1, p.zza Bologna

New Generation Hostel, Via dei Quattro Cantoni 36, Monti, close to the metro

Legends, Via Curtatone 12, Termini

New Golden House, Via Magenta 24, Termini







## Content

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# Presentation

The International School on Urban morphology is organized by ISUFitaly association and Kaebup international research group, two scientific organizations having the goal to create a bridge between research on urban form and design practice.

ISSUM aims to offer students the opportunity to learn Urban Morphology methods through the teaching of international experts and concretely verify the knowledge learned through the interpretation of the built landscape. The ISSUM goal is to provide a centre of excellence in urban form knowledge through multiple exchange and involvement of students, academic, professionals, in learning, research and design. Through lectures and studio work, discussions, and research activities, participants will explore the urban morphology studies' role in reading historical and consolidated urban fabrics, introducing them to an evidence-based design. The goal will be pursued through:

**Lectures**, intended to cover the theoretical part of the school's teaching. They will be held by: Isufitaly teachers introducing the students to the local UM methods (Italian-processual school); guest teachers giving lectures on their research methods in UM; guest professionals giving lectures on their design experience linked to the study of urban form.

**Field surveys**, organized by host teachers, who will guide the students in the practical urban analysis.

The team of teachers will also provide all the basic cartography useful in reading the various case studies.

**Studio activities**, intended as reading exercises concerning the urban fabrics selected. They will also involve some hints on the architectural design within the fabrics studied. The students' work will be discussed with the contribution of host teachers, including local academics and professionals. The Summer School will be introduced by a Study Day which will take place in the Aula Magna of the Faculty of Architecture Sapienza (Piazza Borghese 09) on the 20th of June. In order to demonstrate the potential of morphological analysis in urban design, significant figures of professor / architect who operate within the European panorama have been invited to present their point of view and their methods in making this binomial operational.

# ISSUM Summer School of Urban Morphology - SCHEDULE

## MORNING

<p><b>20 MONDAY</b> AULA MAGNA P.ZZA BORGHESE</p>	<p>09:00 OPENING  <b>09:30 - 09:40</b> Institutional greeting - <b>Alessandra Capuano</b>  <b>09:45 - 10:15</b> Introduction - <b>Giuseppe Strappa</b>  <b>10:20 - 11:05</b> When the topography Design the city - <b>Carlos Dias Coelho</b>  <b>11:10 - 11:50</b> The palazzo as a European model for housing - <b>Hans van der Heijden</b>  <b>11:55 - 12:40</b> Searching for a new urban morphology - <b>Franco Purini</b></p> <p>LUNCH BREAK</p>
<p><b>21 TUESDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 09:30</b> Presentation of the Summer School Programme prof. <b>Giuseppe Strappa</b>  <b>09:30 - 10:30</b> Rome: physical morphology and urban design prof. <b>Giorgio Ortolani</b>  <b>10:30 - 11:00</b> What do we know about urban form? prof. <b>Vitor Oliveira</b>  <b>11:00 - 12:00</b> The city as "organism": the part/whole relationship in composed artifacts - prof <b>Sylvain Malfroy</b>  <b>12:00 - 13:00</b> The role of urban morphology studies in the architectural design - prof. <b>Giuseppe Strappa</b></p> <p>LUNCH BREAK</p>
<p><b>22 WEDNESDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 09:30</b> Typological renewal and design practice prof. <b>Michele Beccu</b>  <b>09:30 - 10:30</b> The formative process of the base building. Comparative reading of Florence and Rome   prof. <b>Matteo Ieva</b> prof. <b>Nicola Scardigno</b>  <b>10:30 - 11:30</b> Tools and methods for reading basic building fabric in Rome. prof. <b>Michele Zampilli</b> prof. <b>Francesca Geremia</b>  <b>11:30 - 13:30</b> Presentation of the Exercise 2</p> <p>LUNCH BREAK</p>
<p><b>23 THURSDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 09:30</b> The architecture project. Profession and ethics arch. <b>Amedeo Schiattarella</b>  <b>09:30 - 10:30</b> Axes and borders, nodality and antinodality in the Trident of Campo Marzio in Rome prof. <b>Marco Mareto</b>  <b>10:30 - 11:30</b> On the reading of the urban fabric prof. <b>Annalinda Neglia</b> <b>11:30 - 12:30</b> Reading urban fabric. Case studies arch. <b>Anna Rita Donatella Amato</b>  <b>12:30 - 13:30</b> New studies and investigations on the urban morphology of Rome prof. <b>Paolo Carloti</b></p> <p>LUNCH BREAK</p>
<p><b>24 FRIDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 10:00</b> The architecture competitions in Rome, 1921-1940 prof. <b>Piero Cimbolli Spagnesi</b>  <b>10:00 - 11:00</b> Saverio Muratori: teaching the complexity and processuality of urban fabric prof. <b>Anna Bruna Menghini</b>  <b>11:00 - 12:00</b> Special building and Knotting process prof. <b>Giuseppe Strappa</b>  <b>11:00 - 12:00</b> Special building and Knotting process prof. <b>Matteo Ieva</b></p> <p>LUNCH BREAK</p>
<p><b>25 SATURDAY</b></p>	<p><b>EUR Rome Tour</b> - Organized by Aloha - Rome Order of Architects</p>
<p><b>26 SUNDAY</b></p>	<p><b>Jewish Ghetto Tour</b> - Organized by Jewish Museum Rome</p>
<p><b>27 MONDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 13:00</b> Studio design activities - <b>A.R.D. Amato, A.Camporeale, F.D. De Rosa, A.Pusceddu, N.Scardigno, R.Tarallo, V.Vacca</b></p> <p>SOCIAL LUNCH</p>
<p><b>28 TUESDAY</b> PALAZZO CENCI</p>	<p><b>09:00 - 11:00</b> Exhibition and presentation of projects  <b>11:00 - 12:30</b> Diplomas awarding and closing greetings</p>

## AFTERNOON

**14:50 - 15:35** The case for the urban - **Jonathan Sergison**  
**15:40 - 16:25** Spaces of the City - **Uwe Schröder**

**17:05 - 18:30** ROUND TABLE Stefano Catucci, Sylvain Malfroy, Nicola Marzot, Laura Pezzetti,  
 Marco Trisciugli, Federica Visconti

**15:00 - 16:00** **Exercise 1**  
 The Jewish Ghetto of Rome. History and Cartography  
 arch. **Alessandra Pusceddu**

**16:30 - 19:00** Field survey Ghetto

**15:00 - 19:00** **Exercise 2**  
 Live drawing through the reading base building  
 prof. **Alessandro Merlo** prof. **Giuseppe Strappa** prof. **Matteo Ieva** prof. **Nicola Scardigno**

**15:00 - 19:00** **Exercise 3**  
 Re-design of the Ghetto District  
 prof. **Anna Rita Donatella Amato** prof. **Paolo Carlotti** prof. **Marco Maretti** prof. **Annalinda Neglia**

**15:00 - 19:00** Kaebup activities - Development Session

**15:00 - 19:00** **Exercise 4**  
 Re-design of a special building within the Ghetto of Rome  
 arch. **Antonio Camporeale** prof. **Matteo Ieva** prof. **Giuseppe Strappa** arch. **Valentina Vacca**

**15:00 - 19:00** Kaebup activities - Development Session

FREE

FREE

**15:00 - 19:00** Studio Design Activities - **A.R.D. Amato, A.Camporeale, F.D. De Rosa, A.Pusceddu, N.Scardigno, R.Tarallo, V.Vacca**

**20:00** Final Dinner

# 20th June 2022\_Urban Form Study Day Programme

9:30 - 9:40 Institutional greeting  
*Alessandra Capuano, Head of Diap Department, Sapienza*

9:45 - 10:15 Introduction  
*Giuseppe Strappa, President of ISUFitaly*

## Interventions

10:20 - 11:05 *When the topography Design the city*  
*Carlos Dias Coelho*

11:10 - 11:50 *The palazzo as a European model for housing*  
*Hans van der Heijden*

11:55 - 12:40 *Searching for a new urban morphology*  
*Franco Purini*

12:45 - 2:45 pm **Lunch Break**

## Interventions

2:50 - 3:35pm *The case for the urban*  
*Jonathan Sergison*

3:40 - 4:25pm *Spaces of the City*  
*Uwe Schröder*

5:05 - 6:30pm Round Table\_Chair: Nicola Scardigno  
*Stefano Catucci | Sylvain Malfroy | Nicola Marzot | Laura Pezzetti | Marco Trisciuglio | Federica Visconti |*

### **Giuseppe Strappa**

Giuseppe Strappa is an architect performing his professional activities in Rome and currently senior professor of Urban Morphology at the Faculty of Architecture, University "Sapienza" of Rome. He has carried out continuous research activities and teaching in Architectural and Urban Design in many universities as in Bari Polytechnic, "La Sapienza" in Rome, Laval in Quebec City. He has done design activities, either individually or in a group, since 1975 and won numerous design competitions. He was director of the Department of Civil Engineering and Architecture at the Polytechnic of Bari and Director of the PhD School in architecture in Rome. He has published numerous books and articles on the themes of his research and organized international conferences on the theme of Urban Morphology. He is president of ISUFitaly (International Seminar on Urban Form, Italian Network) and editor of 'U+D urbanform and design' Journal.

### **Carlos Dias Coelho**

(Nova Lisboa, Angola, 1962) graduated in 1984 in Architecture at the Faculty of Architecture, Technical University of Lisbon, where he completed in 2002 the PhD in Urban Planning with the Thesis "The Urban Layout Complexity". Full Professor and currently Dean of the Lisbon School of Architecture, University of Lisbon, teaches and coordinates formaurbis LAB research group on the theme of Urban Morphology. He participates regularly in conferences and publishes articles on the topic of urban morphology and morphogenesis. He coordinated editorial projects, such as the "Square in Portugal - Morphological Inventory", a work composed of four volumes published by the Direcção Geral do Ordenamento do Território e Desenvolvimento Urbano; and the first two volumes of the collection "Urban Morphology Books. Studies of the Portuguese city," published by Argumentum. He developed professional activity as an Architect, where he coordinated teams in the development of several urban plans and architectural projects.

### **Hans van der Heijden**

(the Hague, NL, 1963) is an architect and urbanist from the Netherlands. During his studies, HvdH worked at the then still young Mecanoo agency on various large-scale housing projects. In 1994, he founded the office biq stadsontwerp with Rick Wessels. The practice made its name by approaching renovation and new build as equivalent tasks. In 1996, this was confirmed by the win of the international European Prize for young architects with a design for the restructuring of a post-war residential ensemble in Liverpool. He is not only an active and award-winning designer, but also engages in urban research work and has published widely – most notably his books 'Architectuur in de Kapotte Stad' (Architecture in the Fractured City) and 'Habitat'.

### **Uwe Schröder**

Uwe Schröder (born July 6, 1964 in Bonn ) is a German architect and university professor at the Rheinisch-Westfälische Technische Hochschule in Aachen. After completing an apprenticeship as a draftsman, Schröder studied architecture at RWTH Aachen University from 1986 . During this time he worked from 1988 to 1990 with Oswald Mathias Ungers in Cologne, Frankfurt and Berlin. He founded his own architecture office in Bonn in 1993. After teaching positions at the Bochum University of Applied Sciences (2000-02) and as a professor's representative at the Cologne University of Applied Sciences (2003-04), he taught there from 2004 to 2008 as a full professor of "Design and Theory of Architecture". In 2008 he accepted a call to the Faculty of Architecture at RWTH Aachen University and has been a university professor in the teaching and research area of interior design ever since.

### **Jonathan Sergison**

Jonathan Sergison and Stephen Bates founded Sergison Bates architects in London in 1996, and in 2010 a second studio was opened in Zurich Switzerland. Sergison Bates architects have built numerous projects worldwide and the practice has received many prizes and awards. Jonathan Sergison has taught at a number of schools of architecture, including the University of North London, the Architectural Association in London, was Visiting Professor at the Swiss Federal Institute of Technology (ETH) in Zurich, the Ecole Polytechnique Fédérale in Lausanne (EPFL), the Oslo School of Architecture and Design and the Harvard University Graduate School of Design. Since 2008 he has been Professor of Design and Construction at the Accademia di Mendrisio, Switzerland. He is particularly interested in urban questions and the conditions of the contemporary European city. More specifically he has addressed through writing, teaching and practice the role housing might play in this changing context.

### **Franco Purini**

(Isola del Liri, 9 November 1941), is an Italian architect, essayist and university professor. He studied architecture in Rome with Ludovico Quaroni, graduating in 1971 and regularly attending the circles of the artists Franco Libertucci, Achille Perilli and Lorenzo Taiuti. After an initial period of work with Maurizio Sacripanti and Vittorio Gregotti, from 1969, mainly at the universities of Florence and Cosenza, Purini participated in the "Belice '80" design laboratory and, after a short period of teaching in Reggio Calabria and in Rome, he became a lecturer at the University of Architecture in Venice. Since 2003 he has been teaching at the Faculty of Architecture of La Sapienza in Rome. For the merits achieved in the context of his professional and theoretical activity, he was elected Academic Correspondent by the Academy of Drawing Arts in Florence. The beginning of a long collaboration in Rome with his wife Laura Thermes dates back to 1966, with whom he will participate in both the Venice Biennale and the Milan Triennale. In fact, in 1980 he was one of the architects called by Paolo Portoghesi to the Venice Biennale to participate in the installation "Strada Novissima", which became a manifesto of postmodern architecture. His projects are full of lines, references, backgrounds, and his structures echo with rationalism and classical tradition, with clear quotes by Maurizio Sacripanti and Giovan Battista Piranesi, which refer to suggestions of a metaphysical nature.



# ISSUM

International Summer School on Urban Morphology

## Urban Form Study Day

ISUFItaly association and Kaebup international research group have the goal to create a bridge between research on urban form and design practice. In order to demonstrate the potential of URBAN ANALYSIS in URBAN PROJECT, significant figures of professor / architect who operate within the European panorama have been invited to present in a study day their point of view and their methods in making this binomial operational.

9:30 am to 9:40 am  
Institutional greeting

**Alessandra Capuano**  
Faculty of Architecture, Sapienza University of Rome

9:45 am to 10:15 am  
Introduction

**Giuseppe Strappa**  
Faculty of Architecture, Sapienza University of Rome | ISUFItaly President

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morning session

10:20 am to 11:05 am

**Carlos Dias Coelho**  
Faculdade de Arquitectura da Universidade de Lisboa  
**When the topography design the city**

11:10 am to 11:50 am

**Hans van der Heijden**  
Hans van der Heijden Architect  
**The palazzo as a European model for housing**

11:55 am to 12:40 am

**Franco Purini**  
Studio Purini Themes  
**Searching for a new urban morphology**

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afternoon session

2:30 pm to 3:15 pm

**Jonathan Sergison**  
Sergison Bates Architects | Accademia di architettura di Mendrisio  
**The case for the urban**

3:25 pm to 4:05 pm

**Uwe Schröder**  
RWTH Aachen University  
**Spaces of the city**

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4:45 pm

Round Table | Chair **Nicola Scardigno**

**Stefano Catucci** | **Sylvain Malfroy** | **Nicola Marzot** | **Laura Pezzetti**  
**Marco Trisciuglio** | **Federica Visconti**

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20th June 2022  
Aula Magna of the Faculty of Architecture, Sapienza University of Rome

# 21th June 2022\_Summer School Programme

- 9:00 - 9:30 Presentation of the Summer School programme  
prof. Giuseppe Strappa
- 9:30 - 10:30 Rome: physical morphology and urban design  
prof. Giorgio Ortolani
- 10:30 - 11:00 Urban morphology: a history of ideas  
prof. Vitor Oliveira
- 11:00 - 12:00 The city as "organism": the part/whole relationship in composed artifacts  
prof. Sylvain Malfroy
- 12:00 - 13:00 **Method Lecture 1**  
The role of urban morphology studies in the architectural design  
prof. Giuseppe Strappa
- 13:00 - 15:00 **Lunch Break**
- 15:00 - 16:00 **Exercise 1**  
The Jewish Ghetto of Rome. History and Cartography  
arch. Alessandra Pusceddu
- 16:00 - 16:30 *Team work organization. Students will be divided into three groups, coordinated by tutors.*
- 16:30 - 19:00 Field Survey at Jewish Ghetto of Rome

#### Abstract\_**Giorgio Ortolani**

The lecture intends to describe the City of Rome in the topographical and geological context, which had seen its origin and contributed to its urban development.

The territorial context was also fundamental for providing the materials that characterized its architecture. The importance of building materials characterized the moments of greatest monumental development, as with the use of marble in the political revolution of Augustus and in its re-enactment by Mussolini. The physical and symbolic reuse of ancient marbles characterized the modern Rome of the great popes, especially with the expansion on the hills planned by Sixtus V.

#### Abstract\_**Vitor Oliveira**

This paper addresses some of the most influential ideas on urban morphology. Conceived by distinct researchers in different geographical and cultural settings, since the mid-twentieth century, this set of groundbreaking ideas has progressively expanded the limits of our capacity to describe and explain the physical form of cities, and to assess the impact of changes on the main dimensions of our life. The debate on these ideas is framed by some fundamental questions: what are the main things that we know about urban form (?), what do we don't know (?), and which goals should frame our future research (?).

#### Abstract\_**Sylvain Malfroy**

Quite all the built artifacts that surround us result of pieces having been put together. Architecture and urban design deserve, thus, to be called "arts of composition". The lecture shall address and exemplify on various case studies the logical differences between wholes, sums and unities and display which conditions need to be fulfilled by a composed artifact to keep its identity and be able to persist through time.

Topics:

- conditions for the identity and persistence of composed artifacts through time
- the individual artifact and its type (or kind)
- concrete, detachable parts and abstract, undetachable parts of a composed artifact

#### Abstract\_**Giuseppe Strappa**

The purpose of the lecture is to provide a first overview of the morphological-processual method in the reading of built landscape, with particular attention to the specificities with respect to other methods and its utility in designing.

Topics: Fundamental notions of process and type | Examples of reading the at building scale | Examples of application of morphology studies to the architectural project | Discussion of the topics presented with the participants

## Description of the laboratory activity

### Alessandra Pusceddu

The International School of Urban Morphology - ISSUM, aims to offer students the opportunity to learn the methods of reading the urban form and verify concretely the knowledge acquired through the interpretation of the built landscape.

The latter will take place not only through lectures by professors and professionals in the discipline, but also through studio work. Participants will explore the role of consolidated urban morphology studies in interpreting historic and urban fabrics, producing intervention design based on learned the method.

This exploration will take place through the study, reading and interpretation of a particular area of the historic city of Rome: the former Jewish Ghetto in the Rione Sant'Angelo.

#### Historical Background - Why the Ghetto?

Considered one of the oldest in Italy, after that of Venice, the Jewish Ghetto of Rome was founded in 1555 as a result of the Papal Bull "Cum nimis absurdum" of Pope Paul IV and remained so until 1848, when Pope Pius IX ordered the demolition of the doors and walls that surrounded it. Specially crowded in almost 300 years of history, this area of the city has had to cope with changes and needs that in the rest of the urban organism found their space. The increase in population and the social status of the Ghetto inhabitants, has meant that it represented, from a morphological point of view, as "unicum" within the city of Rome: the ancient routes branched more and more, so as to form a dense network of narrow streets and small roads that gave access to the houses. The resulting urban fabric was so densely built that it is one of the most peculiar examples in terms of its reading and analysis. The building types, as well as the cadastral parcels, blend together, mingle in an intricate system of survival. The urban form reflected the complexity of the social form that lived there.

In 1888, 18 years after the annexation of the city of Rome to the Kingdom of Italy, the implementation of the new General Regulatory Plan changed the face of the Ghetto forever. The demolition actions, justified by the precarious hygienic and sanitary conditions of the neighborhood (but which in reality also concealed obvious political intentions), led to the total cancellation of all the urban complexity that was the very symbol of the neighborhood. The intricate alleys and houses leaning against each other, was replaced by four large urban blocks, extremely oversized compared to the scale of the context. Not even the original orientation of the fabrics was respected, let alone the section of the four new huge streets that were created.

This is the premise to the investigation that is proposed to the students. What would have happened if that reconstruction had followed the reading canons of the morphological method? What shape would the city have today?

#### Re-design exercise - The opportunity for verification

The purpose of the Summer School is primarily to convey a method, a toolbox that can give the ability to students to read the reality of the built environment and to understand the peculiarities. The theoretical lectures in the morning will correspond to practical exercises in the afternoon. Day after day, participants will carry out exercises on the issues addressed during the morning (divided by "urban scale" - Base building, urban fabric, specialized building) and will do it taking as a case study the area of the Jewish Ghetto. During the week they are expected to build the analytical bases to be able to then apply these method to a design proposal. The day before the end of the Summer School will be entirely dedicated to this design; a day of intensive work concentrated in a few hours, where students will try to put into practice what they have learned during the previous week, with a small general proposal. A sort of pre-project, which will not be identified as a real project, but as a sort of verification.

The case study of the Ghetto thus becomes the perfect opportunity to rethink a different form of reconstruction of the neighborhood than that proposed in the late nineteenth century. A theoretical proposal that can take into account the city and its historical past, its pre-existences and how they can, through the project (that is always a process of transformation of reality) become permanent signs and forms in the contemporary urban organism.



# 22th June 2022\_Summer School Programme

- 9:00 - 9:30 Typological renewal and design practice  
prof. Michele Beccu
- 9:30 - 10:30 **Method Lecture 2**  
The formative process of the base building. Comparative reading of Florence and Rome  
prof. Matteo Ieva | prof. Nicola Scardigno
- 10:30 - 11:30 **Method Lecture 3**  
Tools and methods for reading base building fabric in Rome. Some case studies  
prof. Michele Zampilli | prof. Francesca Geremia
- 11:30 - 13:00 Presentation of the Exercise 2 (Ieva, Scardigno, Zampilli, Geremia)
- 13:00 - 15:00 **Lunch Break**
- 15:00 - 18:00 **Exercise 2**  
Live drawing through the reading base building  
prof. Alessandro Merlo | prof. Giuseppe Strappa | prof. Matteo Ieva | prof. Nicola Scardigno

**Abstract\_Michele Beccu**

The lesson intends to reaffirm the importance of the Theory of Architecture as a powerful factor of innovation in the design process.

The lesson will illustrate completed and ongoing projects for built cities, for science and for art, with particular regard to the process of renewal and transformation of consolidated architectural typology.

**Abstract\_Matteo Ieva | Nicola Scardigno**

The lecture will focus on the formative process of basic building types. Starting from the elementary unit constituted by the isolated cell, the diachronic variant of the row house (widespread in the medieval urban fabrics of Florence and Rome) and of the in line house will be reconstructed.

Topics: Notion of elementary cell and basic type | Formation of the row house type |

Comparative study of basic Florentine and Roman buildings

**Abstract\_Michele Zampilli | Francesca Geremia**

The lesson will focus, through the exposition of some case studies in the Roman context, on the reading of the transformations of the urban fabric and building types using the tools of typological-procedural analysis together with other documentary sources.

Themes: Historical cartography and archival documents | Reading of the evolutionary process of the urban fabric and building types | Ideal reconstruction of parts of the urban fabric that have disappeared or been significantly transformed

**Description of the laboratory activity**

**Alessandro Merlo | Giuseppe Strappa | Matteo Ieva | Nicola Scardigno**

The exercise aims to verify the relationship between building type and external readability.

Participants will make a schematic live drawing of some facades of houses in the historical Roman fabric (Renaissance Quarter, Ghetto), paying particular attention to the tectonic nodes and the composition of the openings.

The plan will then be reconstructed on the basis of the typological notions learned during the lesson dedicated to the topic, or on the basis of a "survey ...."

The reading will concern the reconstruction of the row-house type (base of Roman fabrics) also in its variants and multi-family recast.

# 23th June 2022\_Summer School Programme

- 9:00 - 09:30 The architecture project: profession and ethics  
arch. Amedeo Schiattarella
- 09:30 - 10:30 **Method Lecture 4**  
Axes and borders, nodality and antinodality in the Trident of  
Campo Marzio in Rome  
prof. Marco Maretto
- 10:30 - 11:30 **Method Lecture 5**  
On the reading of the urban fabric  
prof. Annalinda Neglia
- 11:30 - 12:30 **Method Lecture 6**  
Court-yard house urban fabric: formal and informal structures  
prof. Anna Rita Donatella Amato
- 12:30 - 13:30 **Method Lecture 7**  
New studies and investigations on the urban morphology of Rome  
prof. Paolo Carlotti
- 13:30 - 15:00 **Lunch Break**
- 15:00 - 19:00 **Exercise 3**  
Re-design of the Ghetto district  
prof. Anna Rita Donatella Amato | prof. Paolo Carlotti | prof. Marco  
Maretto | prof. Annalinda Neglia



#### Abstract\_ **Amedeo Schiattarella**

The architect carries out a service activity to protect the interests of the human community in which he operates and in the alternative of the interests of his client and in compliance with his own interests. This implies an assumption of responsibility towards the natural and built environment, preserving and enhancing its values in order to deliver them, enriched if possible, to future generations and at the same time expressing a technicality that is capable of rigorously controlling the productive cycle of building.

#### Abstract\_ **Marco Maretti**

In its balance between Urban Design and Morphology (natural and built), between the regularity of its urban layouts and the informality of its building processes, the Trident of Campo Marzio in Rome is an illuminating example of the hierarchical (and dynamic) dialectic between those nodal values on which any urban fabric is built. Moreover, the sequence "matrix routes-building paths, connections" plays, in this case, an important structuring value of the whole district, conditioning all the synchronic and diachronic variations of the building type and assuming an important methodological value.

The morpho-typological analysis of the Trident of Campo Marzio thus represents a paradigmatic case study for the knowledge of the formation processes of the Roman building fabric, in all its phases (Settlement, Completion, Consolidation, Stratification) and in general of the historic city. A useful starting point, on which to reflect, for understanding and transforming the contemporary city.

#### Abstract\_ **Annalinda Neglia**

This lecture is aimed at providing tools for the reading of the urban fabric through the understanding of the processual formative and transformative phases, as well as of the linkages and relationship of continuity and discontinuity among the different structures constituting them.

The methodology that will be used is based on the notion of process typology, which defines a fabric as a set of typical and common formative and transformative laws that determine the layout of buildings constituting urban areas, as well as on the notion of permanence of the different phases of anthropic organization of the building fabric.

#### Abstract\_ **Anna Rita Donatella Amato**

Starting from analysing the court-yard house urban fabric notion, the lecture demonstrates how the 'informal' city can have a logical structure related to its base type. From this point, the development of the contemporary informal city can be compared with the dynamics of formation and transformation of the pre-modern urban fabric, emphasising the analogy that links the urban change to the social needs, own of the

surrounding cultural context in which these urban organisms are identified. The recognition of logical development of these fabrics becomes the tool that can guide the urban regeneration, respecting the living culture.

#### **Abstract\_Paolo Carloti**

The lecture will illustrate some outcome of the new studies and investigations the urban form of the city of Rome about. Assuming the concept of the 'restructuring road' as the last ending of a transformative process - founded on simple matrices and frequently linked to natural morphology - which superimposes nodes and paths on a previous form. The investigation adopts the regressive method, subtracting the most recent forms of the city to highlight the elements and residual traces of an urban fabric now hidden by densification or erased by new planned settlements, expressions of a different idea of the city. It will be presented, for an easier understanding, from the most ancient to the most recent phase. The comparison of these new morphological studies on the city of Rome with the archaeological cartographic reconstructions published in the 'Atlante archeologico di Roma' by Carandini A. and Carafa P. will conclude the lecture.

#### **Description of the laboratory activity**

**Anna Rita Donatella Amato | Paolo Carloti | Marco Mareto | Annalinda Neglia**

The day of Thursday will focus on the study and interpretation of urban fabrics. Specifically, the intent will be to provide general information on the aggregates and fabric characters, starting from the matrix of the base housing type. The investigation will concern urban morphology, trying to identify, through the signs and the shape of the built organism, the structure of the paths and the base housing, analyzing its development process, until the definition of the current form of urban space. The analysis will start from recent case studies presented by their designers and will be the subject of the first part of the Thursday morning. The second part will deepen the process aspects of the city's built space, starting from the base housing organism to form aggregates and urban fabrics.

The theoretical concept related to the urban fabric formation process will be tested through exercises in the second part of the day. These experiences will simulate the formation of aggregates and urban tissues, identifying the paths hierarchy by experimenting with aggregative variants and testing the possible densification of the base housing type. The exercises will be conceived in the form of the redesign of urban space to emphasize that the morphological analysis is in itself a compositional act based on knowledge of the main structure of the object analyzed.



# 24th June 2022\_Summer School Programme

- 9:00 - 10:00 The architecture competitions in Rome, 1921-1940  
prof. Piero Cimbolli Spagnesi
- 10:00 - 11:00 Saverio Muratori: teaching the complexity and processuality of urban fabric  
prof. Anna Bruna Menghini
- 11:00 - 12:00 **Method Lecture 8**  
Special building and knotting process 1  
prof. Giuseppe Strappa
- 12:00 - 13:00 **Method Lecture 9**  
Special building and knotting process 2  
prof. Matteo leva
- 13:30 - 14:30 **Lunch Break**
- 15:00 - 19:00 **Exercise 4**  
Re-design of a special building within the Ghetto  
arch. Antonio Camporeale | prof. Matteo leva | prof. Giuseppe Strappa | Valentina Vacca

**Abstract\_Piero Cimbolli Spagnesi**

The intervention will concern the many types of specialized public buildings and those for basic construction of new construction during the fascism in Rome. More in detail, post offices, barracks, hospitals, office buildings and hotels as well as private housing will be examined which had previously been absent in the panorama of contemporary architecture in the capital of Italy between the First and Second World Wars.

**Abstract\_Anna Bruna Menghini**

The didactic exercises on urban fabrics "mending" carried out by Saverio Muratori in the Faculty of Architecture in Rome during the '60s represent an experience that is still alive and valid from a methodological point of view. It is still an effective method for understanding the "processual structure" of cities, which are increasingly complex and heterogeneous, and for defining the guidelines for a collective and shared project. A sharing that is definitely needed today but which must be based on the discipline of urban morphology and on the specific contents of the architectural project.

**Abstract\_Giuseppe Strappa | Matteo Ieva**

The lecture will cover the formation of special buildings ( those whose primary function is not housing) by specialization of base building. The topics covered will be:

- Definition and notion of special building
- transformation and specialization in buildings and urban fabrics
- Example. The formation of the Roman palace starting from row houses urban fabric. The knotting process and the transition to the modernity in architecture. Roman examples.

**Description of the laboratory activity**

**Antonio Camporeale | Matteo Ieva | Giuseppe Strappa | Valentina Vacca**

Formation by phases of a special building in the Ghetto area of Rome, in the hypothesis of redesigning the nineteenth-century fabric, based on the exercises began the previous day.

# 25th June 2022\_Summer School Programme

9:00 - 13:00 **Field Survey\_EUR district**

The Tour at Eur district is organized in collaboration with Aloha, Rome Order of Architects. The duration of the visit will be 3 hours and will be conducted by Arch. Claudia Poli Lener

**Itinerary:** E.U.R. is the current name of an extraordinary area in Rome called originally E42 and destined to house the World's Fair in 1942 during the fascist period. Still nowadays visiting this area is fundamental to understand the urban structure of Rome and the innovations within Italian modern architecture between the interwar years. A tour comprising its most significant buildings: Basilica dei SS Pietro e Paolo also inside, Palazzo della Civiltà Italiana by the ground level and second floor, Palazzo degli Uffici with the sculpture of Morbiducci and the mosaics, Palazzo con Esedra which is the INPS head quarter, Piazza G. Marconi and the special artworks in the Museo Pignorini, vetrata di Giulio Rosso e Salone delle Scienze. Visit by Claudia Poli Lener, architect and qualified guide of Rome, founder of *Avventure Urbane*.



# 26th June 2022\_Summer School Programme

10:00 - 13:00 **Field Survey\_Ghetto district**

The visit to the Jewish Quarter will be conducted during Sunday morning to allow students a final look at the case study area.

**Itinerary:** Located in the Rione Sant' Angelo, the area of Rome's ex-Jewish Ghetto constitutes the longest-lived built area in the entire city, rich in historical and archaeological stratifications. From 1555 until the late 1800s, the Ghetto remained enclosed within its walls, representing an extraordinary example of building densification. The 19th-century demolitions that led to the current urban configuration changed its appearance forever. Therefore, the tour aims to walk the streets that still constitute the historic part of the neighborhood, with evocative evidence of base and specialized buildings interesting the students' final project.





# 27th June 2022\_Summer School Programme

9:00 - 13:00 Studio design activity throught the method of the "re-designing"  
Anna Rita Donatella Amato | Antonio Camporeale | Francesca Delia De Rosa | Alessandra Pusceddu | Nicola Scardigno | Raffaele Tarallo | Valentina Vacca

The day will be devoted to a summary of previous activities. Students will develop a proposal for the redesign of the demolished Ghetto area. This is a theoretical proposal that hypothesizes a formative process of the area in continuity with the pre-existing fabric and ancient substrate.

13:00 - 15:00 **Social Lunch**  
(included in the registration fee)

15:00 - 19:00 Studio design activity  
Anna Rita Donatella Amato | Antonio Camporeale | Francesca Delia De Rosa | Alessandra Pusceddu | Nicola Scardigno | Raffaele Tarallo | Valentina Vacca

# 28th June 2022\_Summer School Programme

9:00 - 12:30 Final presentation of the works.  
The three groups of students will present their work at a joint discussion in the presence of all teachers.

12:30 - 13:00 **Awarding of diplomas**

20:00 **Final Dinner**



