

Three buildings Three places

An analysis of linguistics principles

<https://uni.xyz/competitions>



img.2: Two Archetypes of structures in history: Genna Salixi - Domus de Janas & The Stonehenge (Credits- Cristiano Cani/Antonio Lamielle)

Two Archetypes

The architecture of buildings and urban spaces can be investigated from a mutual relationship between solid and void; the **external space defined by solid objects** and the **internal space understood as void**. The exterior and interior space: **Trilithic archetype and Cave archetype** The **oldest evidence of places built and inhabited by men is an expression of these two archetypes.**

Through the Symbol, architecture enters the domain of the unconscious, **giving shape to archetypes that reproduce - through forms - the "deep structures" drawn from history and nature.**

In the course of time a language of structures developed through these archetypes, which predominantly makes a structure complete in both functionality and aesthetics. There are six principles of this language that can define one or more aspects of any built structure.



img_3 Strong appearance of elements and sculptural appearance of the architonic object (Credits-Biswarup Ganguly)

Linguistic Principles

The following **linguistic principles breakdown** the development of the two archetypes and serve to apply a method for architectural design that relates to history on a structural level.

1. Space as an object- The trilithic archetype

The architecture of archaic and classical Greece conceives space as an object, as a modular module in its basic form: the trilithon. The buildings are separate objects in the space of the acropolis and the agora, in relation to the surrounding natural landscape. The architecture of the modern movement re-proposes, almost exclusively, the archetype of the external space, of architecture made up of objects in the void.



Img 4 Albinia with its distinctive dwellings (Credits-Adventurous travels)

Linguistic Principles

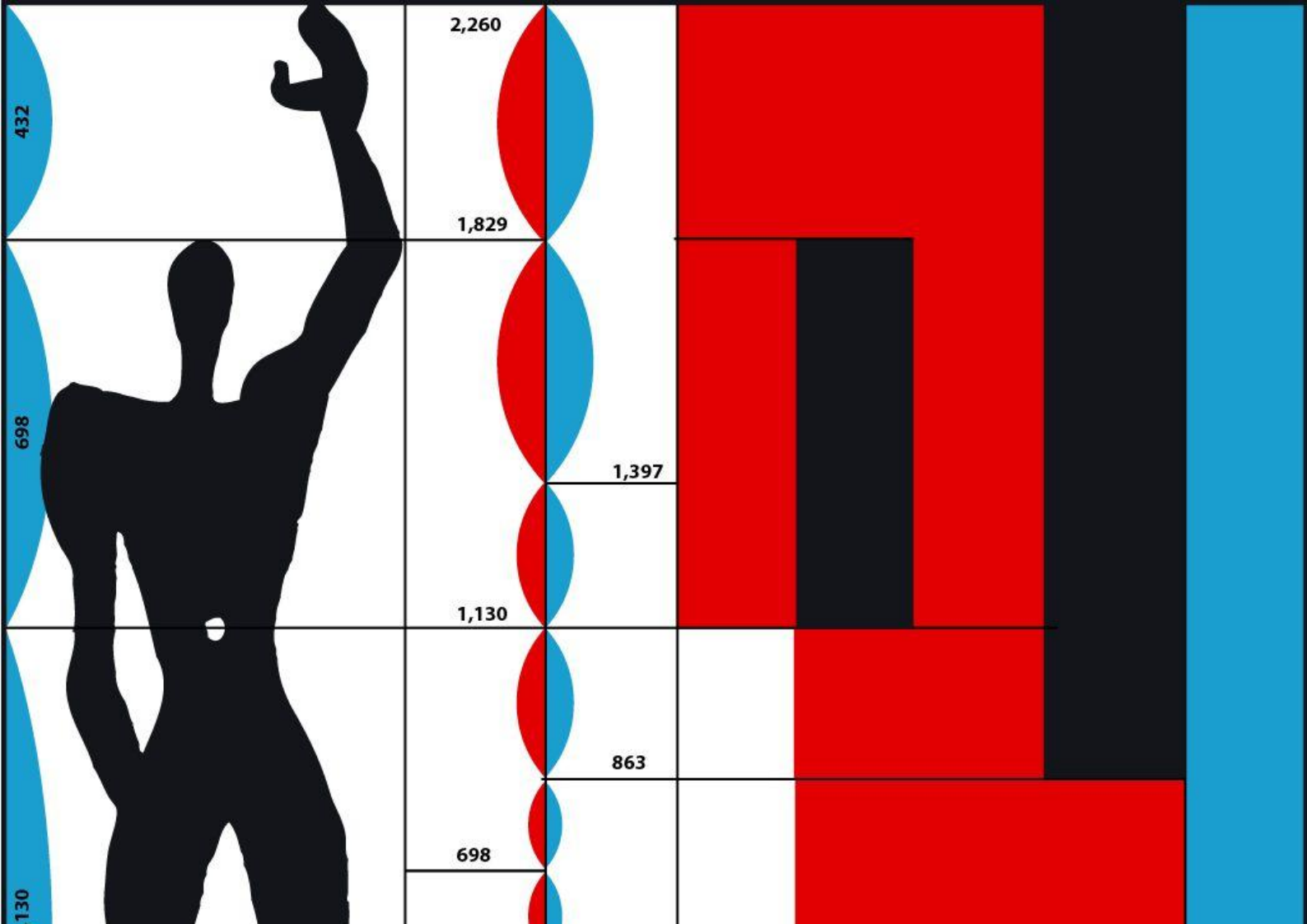
The main features of “space as an object” are:

A. Accurate distinction of the elements of the building, sculptural appearance of the architectonic object:

Elements as well as the main structure is clearly visible.

B. Accurate distinction of the buildings between them and diagonal anti-perspective viewpoints: For instance; In a settlement of South Albinia *the isolation of individual dwelling buildings do not construct a continuous and compact building image* like that of many historical centres in the Mediterranean area. It gives an obvious distinction.

C. The closure of forms into a stereometric figures: Different elements creating a solid form. For eg: Saqqara pyramid and the Geodesic dome.



Img 5: Le Corbusier's Modulor Man

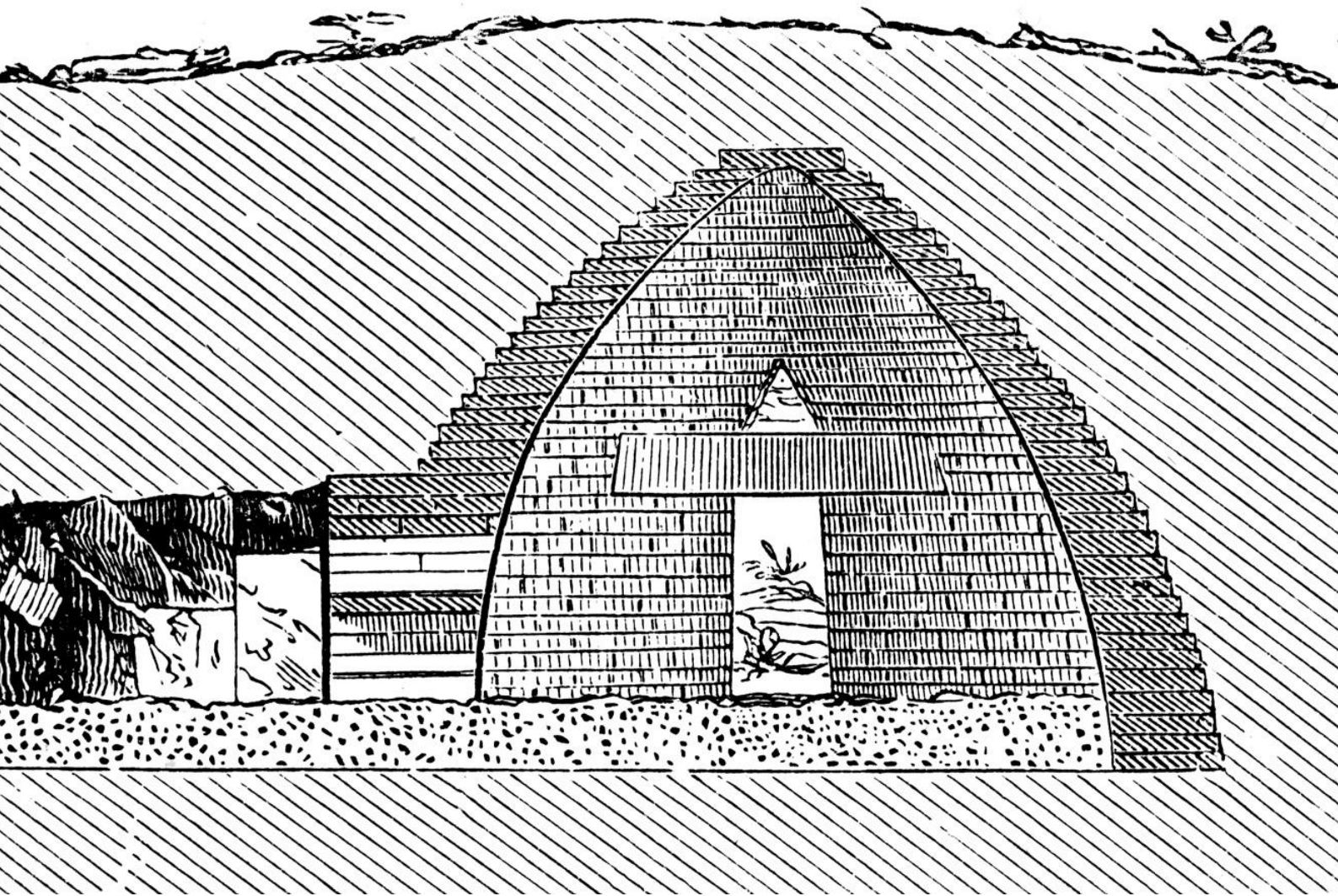
Linguistic Principles

The main features of “space as an object” are:

C. The use of the module as a technique and as a method:

A module/structural framework created by a method. For eg. Proportions of the Doric order by Andrea palladio's theories or the proportions of the modular man by Le-Corbusier.

D. The predominance of the exterior space over the interior and the relationship between the building and the natural landscape.



Img 6: Atrium Tomb, Greece- Space as totality (Credits-Wikipedia-Commons)

Linguistic Principles

2. Space as a whole and articulation by elements- The Cave Archetype

The lesson of this principle is commonly understood both as **architecture of the totality, of the strong and unitary space. With greater emphasis on the interior, and as architecture of articulation, repetition, architecture of autonomous elements;** close together, interpenetrating, rotated and, in any case, integrated with each other.

Architecture by elements was revived in the modern era thanks to Louis Khan, and after him this linguistic research spread and continued with the work of Ando, Mayer and Gehry.

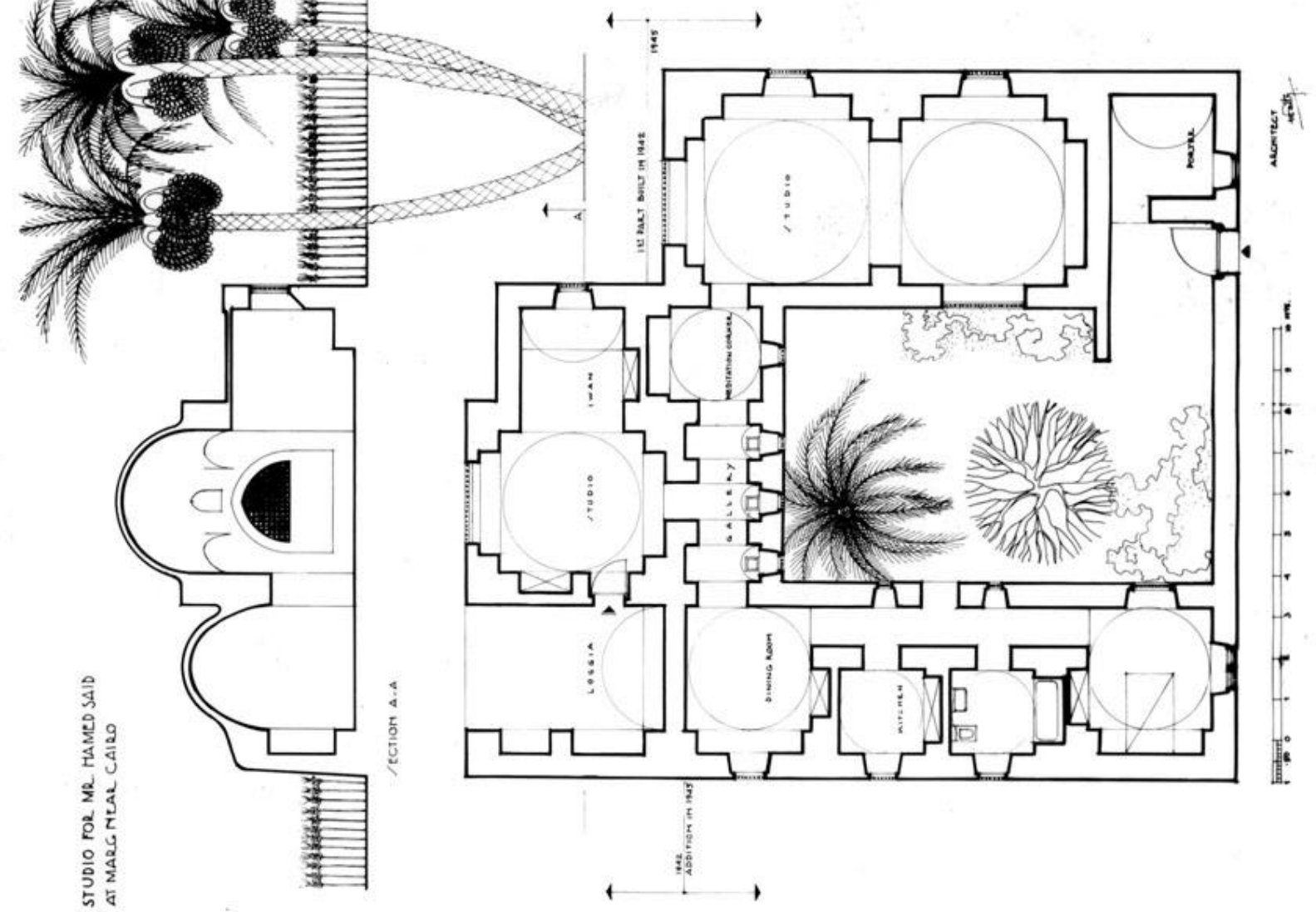


Image 7: A plan used as a generator of spaces overall (Credits- A plan by Architect Hassan Fathy)

Linguistic Principles

The main features of “space a whole and articulation by elements” are:

A. Space as a totality : The archetypal principle of the **cave emphasises the interior space as an empty space**, clearly separated from the exterior, **a space in which the continuity of the constituent elements merge into an organic form.**

B. The search for synthesis: The definition of an **Element is as a figure in possession of a totality**, that leads to surpass the reductive principle which considers **the plan as the only generator of the spatial system.**

In constituting terms it has defined the supremacy of the Plan-pattern which, with its repeatedly, originated the typology of Multiplan, with evident indifference to internal spatial articulation.



img.8: Architecture by elements was revived in the modern era thanks to Louis Khan, and after him, this linguistic research spread to Zaha Hadid too. (Credits- Zaha Hadid Architects-Heydar Aliyev Centre-A sense of totality through internal elements)

Linguistic Principles

The main features of “space a whole and articulation by elements” are:

C. The sense of totality of interior spaces: The interior vaulted structures and their material/technology **creates sense of continuity and totality of spaces, from vertical element to horizontal one.**

D. The sense of totality of the complex articulations built by elements: The sense of architecture for Elements derives from the **dispersion of built-objects**, fragments closed in themselves, equipped with a specific destination of use, **a space that is separate from the built object but internal to its system, rather than just constructional elements that connects casually.**



Img 9: Highlighted project detail of New Art Centre, Berlin (Credits-Author Gaia Grossi
Tutor: Maurizio Crocco)

AASOS Masterclass

Art and Science of Space- Architecture Research Masterclass, will teach students to decode the urban characters of a place in both historic and present contexts from September 2021 to December 2021.

It consists of three courses; *Interaction Analysis-Design*, *Architecture by Elements* and *Performing Architecture*. Each of these courses are carefully curated into modules, video-lectures and course-end competitions for the students. Masterclass participants will receive **peer review asynchronous feedback (chat/recorded), **downloadables**, **Weekly webinar/chat for Q&A** and **Interactive private group for peer review of work**.**

The competitions will be based on the material taught by archabout on territory as a global architecture. The winners will be rewarded with live recognition, personalized feedbacks on an open webinar, certificates and free UNI yearbooks & membership.

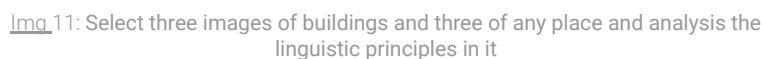


Imag_10 :City of constantinople as a formation of elements/objects(Credits-Oliver Frey)

Architecture by Elements

The values in architecture as elements express themselves as linguistic principles and come forwards as **specific spatial organized structures: shapes**. These shapes become tools to establish an architectural syntax, the most difficult thing to be defined during the architectural configuration process.

Thus presence of more than one language in the same architecture is certainly possible, but it can only develop as a growth of several coexisting languages. The purpose of a competition after this course is to **activate not only an emotional relationship with history**, but also to **investigate in depth the ancient-present relationship**. The exercise will help to rediscover values and anchor contemporary research in architecture to a past that must be viewed as alive and vital in today's context.



The challenge for this exercise is to **select images of any three buildings and three places**, and with no information other than your own observations describe the **linguistic principle you recognize** in the images and write a **short essay on it**.

<https://uni.xyz/competitions>



img 12: Write about the elements in those images and analysis them with their site and style contexts(Credits-arch@about)

Brief

In this challenge in form of words, one has to **speculate** what the similarities and differences between the buildings convey about the **relationships of the buildings to their sites and to their eventual inhabitants**. Pay attention to the proposed features: find one or more of those features in your selected image/architectural style.

In addition to the essay **represent** with **drawings, diagrams, and any other graphic representation**, what you already have expressed in words. Use the images you have selected to highlight the **specific linguistic principle**.

NOTE: There are endless examples from which you can select your images; often, there are different linguistic principles coexisting in a building or place. In this competition **focus on one specific principle only**.



Analysis

Based on your experiences and knowledge observe and describe one linguistic principle.



Understanding

Understand the observed principle and express it in words.



Connection

Describe not only the principle but also analysis and connection between the building, the site and its inhabitants.



Visuals

For a clear view of the described principle express your thoughts in visuals like sketches, diagrams or infographics.

Objectives

Participants are free to **select images of any three buildings and three places**. They are to write and illustrate their observations on basis of the main features in the linguistic principles.

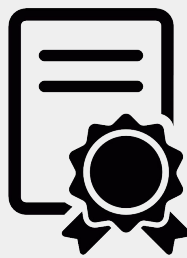


Awards

The winner of this competition will get live recognition, personalized feedbacks on an open webinar, certificates, free UNI yearbooks, membership and awards worth 2000 \$ USD.



Finalists will receive recognition through publications and with our media partners.



E-Certificate to all the participants



UNI ebook / hard copy yearbook

The entries will be judged by an international jury of the competition on the following criterions:



Observation

Accuracy in identifying the linguistic principle



Writing

How well explained the linguistic principle is; in a simple/understanding language.



Articulation

Articulation of the principle and words into graphics/diagrams/sketches etc.



Outcome

The overall deduction of the images in form of words and visuals

Judging Criteria

The judging panel can also add other criterions based on their internal discussions - which will be in line with the problem statement. Participants are advised to fulfil above given criterions first in their design.

About



Arch@bout was founded in 2008 by a collective of architects and scenographers with a common ground of being collaborators and ex-students of prof. Gianfranco Moneta. **Maurizio Crocco, MArch PhD and Andrea Moneta, MArch PhD FHEA PGCAP co-founded the Cultural Association Arch@bout as a laboratory of studies and production transnational and transdisciplinary, based in Rome, Italy. The aim was to pursue the longstanding architectural design theory and practice of Gianfranco Moneta, within the challenges of our contemporary world.** Arch@bout activities included the design and management of live events and site-specific performances in Rome and Salerno, the organisation of exhibitions, conferences and seminars in Italy, France and Germany, and the postgraduate Master 'Scenografia Urbana, Teatrale e Digitale' (Urban, Theatre and Digital Scenography) in collaboration with University of Rome 'La Sapienza'.

In collaboration with UNI, Arch@bout aims to bring a unique masterclass that will train students in Interaction Analysis-Design, Architecture by Elements and Performing Architecture.

Discover arch@bout:

<http://www.archabout.it/>

Queries: support@uni.xyz

Discover other competitions: <https://competitions.uni.xyz>

Facebook: <https://www.facebook.com/unidesigntogether/>

Instagram: <https://www.instagram.com/uni.xyz/>

Discover FAQ's about this competition on our help forum here: <https://help.uni.xyz/>

Guidelines

You have to deliver **an essay**, based on the given outlines.

Minimum requisite submission are sheets/boards + Cover image containing:

- Essay of 100- 300 words with minimum 3-4 graphics/images/sketches (Compulsory)
- Additional cover image of 2000px x 1000px

#Journal Section appears midway in the project submission portal. More instructions in the additional resources.

- Recommended number of images/boards:

3 (Three) of size [**2800px x 3500px**] in portrait digital format (**JPEG only**).

Each image should be less than **15MB**. (Do not submit PNG format)

Deadlines

Discover the competition schedule and deadlines on the [masterclass website](#)

Resources

This competition contains additional resources that contains a set of files useful to complete the competition submission. This folder is made available on your profile dashboard automatically as soon as you register. This additional resources folder of this competition contains: Submission Format files in PSD | WORD & Guide to Journal Section + Questions.

Rules

+ The competitions is open for **students of the Art and Science of Space Masterclass** .

+ Only an individual learner can participate in this course-end competition.

+ Ensure that the final submissions submitted **do not include your name or any other mark of identification**. Your submission is linked to your user account which stands as your identification.

+ This is a design **ideas challenge only**. There is no built commission/realization associated with the problem.

+ In case of publication in yearbook we will reach out separately for selected entries.

Pro-Tips

+ Complete and efficient use of presentation methods and softwares taught to discuss your smart district models better.

+ Mention sheet number on corner of every sheet.

+ Plagiarism of any idea / form / design / image will be disqualified with a notice.

+ All the sheets or images will be viewed on a digital device. e.g. Laptop screen or projector. Uploaded sheets or images will not be physically printed for evaluation. The submission hence should be prepared for digital viewing only.

+ Submit JPEG images only. (PNG will not function)

About



UNI is a global network of architects and designers who are solving some of the most challenging problems around the globe. UNI brings together world's largest pool of design challenges that are curated by the finest architecture academicians and professionals globally. With over 200,000+ registered members, UNI brings academia and professional spheres of architecture together through a unique knowledge sharing web platform.

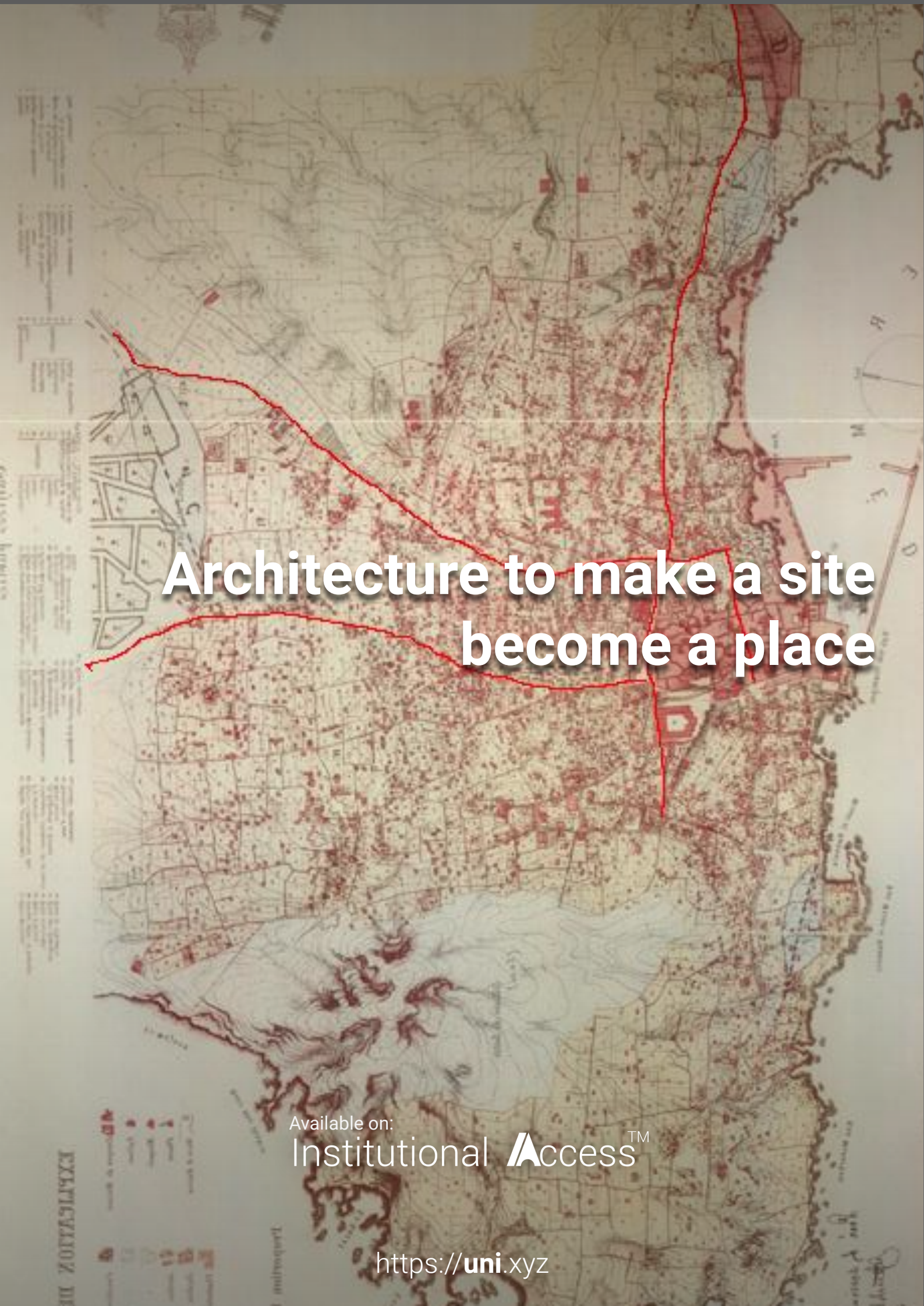
Since 2017, UNI has hosted more than 200+ architecture competitions for various idea level to realization level briefs. In past, UNI has helped 50+ organizations, universities, and government bodies to use our platform to generate architecture and design solutions through competitions.

UNI aims to create a seamless information exchange within architecture industry with this one-of-a-kind community. It foresees a future where architects and consumers are getting real-world design deployed over the internet through sophisticated software and applications from anywhere in the world.

Queries: **support@uni.xyz**

Masterclass Link

[Facebook](#) [Instagram](#) [Helpdesk](#)

A historical map of a city, likely from the 19th century, showing a dense urban grid. A prominent red line runs diagonally across the map, and another red line runs vertically on the right side. The map is overlaid with a semi-transparent dark grey rectangle containing white text.

Architecture to make a site become a place

Available on:
Institutional  AccessTM

<https://uni.xyz>