

Title:	<b>The Beauty of Architectural surfaces   Niemals nur oberflächlich! <i>Zu Material, Technik und Ästhetik von Architekturoberfläche. Eine Einführung</i></b> <b>Case study: Villa Jovis, Capri, Italy</b>
Chair:	<b>Chair of Conservation-Restoration, Art Technology and Conservation Science</b> <b>Prof. Thomas Danzl, Arch. Dr. Roberta Fonti</b>
Language:	<b>English</b> support (i.e. learning materials in English, individual review meetings in English)
Study level:	<b>Bachelor</b>
Kick off:	17/10/2023
Meetings:	<b>Every Tuesday</b> , frontal lectures – Room 2349, Main Campus <b>All week long</b> , Design Studio's space – Room, Main Campus
Interm. Reviews:	05/12; 09/01; 13/02
Final Presentation:	05/03
ECTS:	Credits (9 ECTS)
Remarks:	<b>In collaboration with Archeol. Pierfrancesco Talamo at Soprintendenza Parco Archeologico dei Campi Flegrei</b> Best Works will be donated to <b>the Soprintendenza</b> as possible ideas for the planned restoration works of the archeological site of <b>“Villa Jovi” in Capri</b>

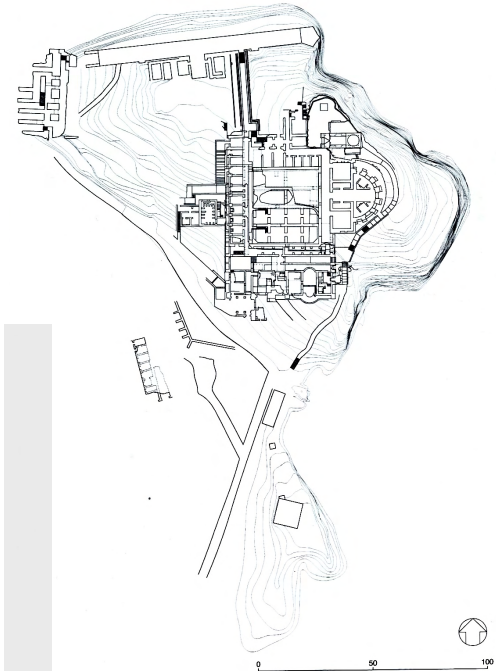
# Case Study

**Roman Emperor** Tiberius Julius Caesar Augustus  
(Rome, 42 BC – Miseno, 37 AD)

**Roman Villa** – Tiberius' Palace in **Capri** (Italy)  
referred to us "Jovis" (27-37 AD)



Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*

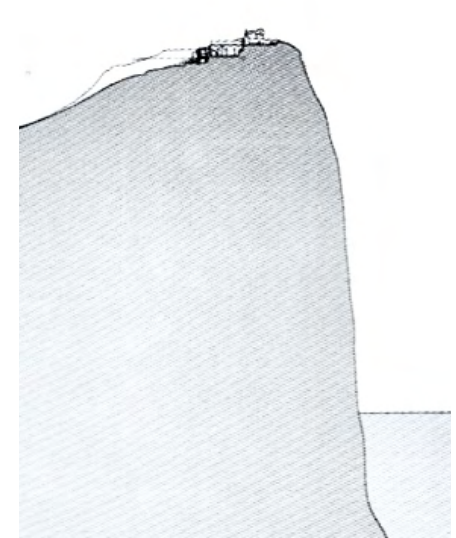


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# Case Study

**Roman Villa** – Tiberius' Palace in **Capri** (Italy)  
referred to us "Jovis" (27-37 AD)

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



**Elevation: About 330 m  
above mean sea level  
(AMSL)**

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## Task 1 The Greenery & the Hidden remains

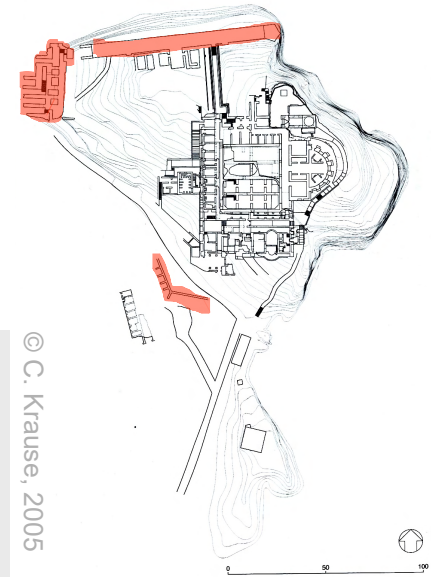
Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



Part of its remains are protected by trees



*"The grassy coats grown on a thin layer of humus at the top of the ruins protect them from heat and frost, forming a mesh of fine roots. **The top of walls, made out of brick and cement, which can easily disintegrate due to weathering,** is protected from leakage by the use of coccio pesto, on which soil mixed with hayseed is spread to facilitate the formation of a green coat. To this end, the fibrous-rooted grasses poae and the pretty, drought-resistant verbenacea lippia repens are favoured."* (Boni, 1910)



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*Original Text: "Le pellicce erbose fatte crescere su di un sottile strato di humus alla sommità dei ruderi, li proteggono dall'arsura e dal gelo, formando un tessuto di radichette. La cresta dei muri, d'opera testacea e cementizia, facile a disgregarsi per le intemperie, viene tutelata dalle infiltrazioni mediante coccio pesto, sul quale si stende il terriccio misto a seme di fieno, per agevolare il formarsi d'una verde pelliccia; ottime a tal uopo le poae, tra le graminacee a radice fibrosa, e la lippia repens, graziosa verbenacea resistente alla siccità."*

Giacomo Boni (1910) *Flora dei Monumenti*. Roma.

## Task 2

### The decorative apparatus The vertical surfaces

#### Conservation Problems

Mangoni, 1834



The missing fresco!

© C. Krause, 2005

## Task 2

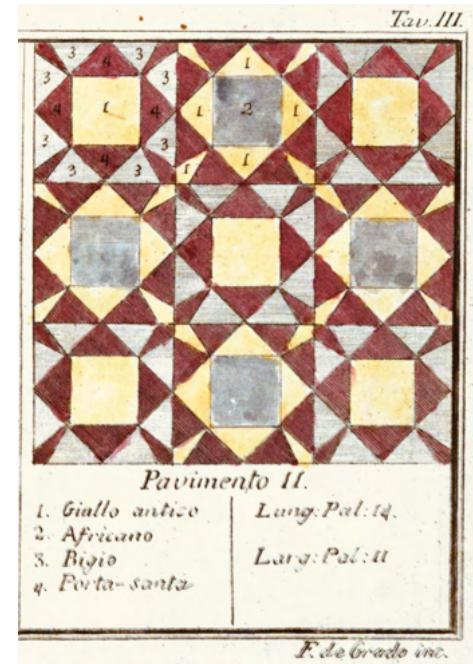
### The decorative apparatus *The horizontal surfaces*

#### Design Problem



Royal Palace of Capodimonte in Naples

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



© N. Hadrawa, 1793

**The missing floors!**

### Conservation Problems



*"It is missing only the vault that undoubtedly covered it. The floor, **almost entirely intact**, is made of a **white mosaic with black stripes at the ends**, and is skilfully curved in the middle and somewhat inclined due to the steepness of the ground."*  
(Mangoni, 1834)

*Original text: "È mancante solamente della volta che indubitatamente lo ricopriva. Il pavimento quasi interamente intatto è formato di mosaico bianco fregiato negli estremi di striscia nera, ed è maestrevolmente curvato nel suo mezzo, ed alquanto inclinato per la ripidezza del suolo." (p. 82)*

R. Mangoni (1834) *Ricerche topografiche ed archeologiche sull'isola di Capri*. Da servire di guida a' viaggiatori. Napoli.

### Conservation Problems



*"In particular, he sees, here, a room having a **brick floor laid in a herringbone pattern**. Part of the side walls also remain, although they have been **stripped of their plaster**."*  
(Mangoni, 1834)

*Original Text: "egli scorgesi quivi specialmente una camera con pavimento di mattoni fatto a schiena di pesce, della quale rimane altresì parte de' muri laterali spogli però del loro intonaco."* (p. 83)

R. Mangoni (1834) Ricerche topografiche ed archeologiche sull'isola di Capri. Da servire di guida a' viaggiatori. Napoli.

## Task 4 The pathways

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



### Design Problem



## Task 4 The information panels

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



### Design Problem



## Task 4 The material choice

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



### Design Problem



**The use of early reinforced  
Concrete**

## Task 4

### barriers and their impact on the contemplation of remains

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



## Design Problem

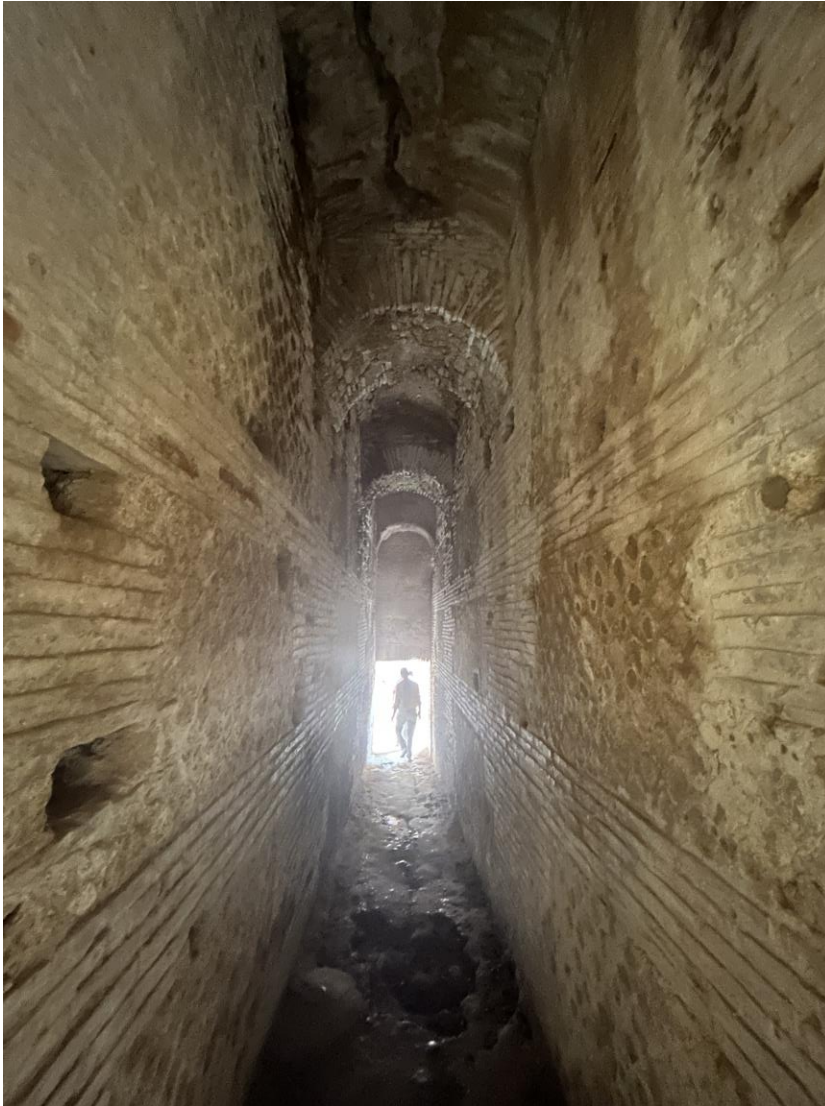


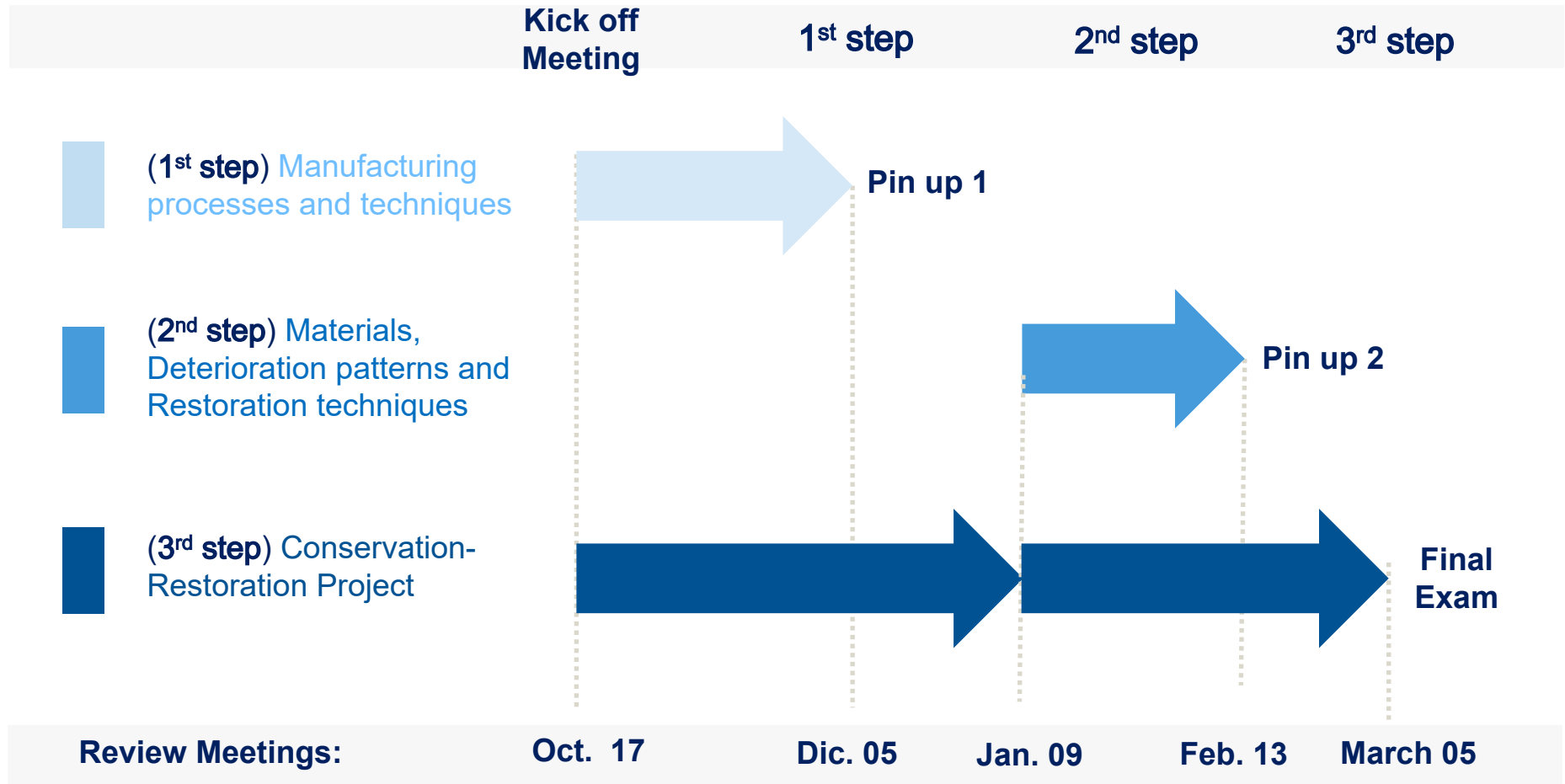
## Task 4 **lightening**

Tiberius' Palaces in Capri  
(Italy) *Villa Jovis*



### Design Problem





Excursion to **Naples** (Italy), **07- 10 November 2023**

*not compulsory for the successful completion of the course*