



CIPA Summer School 2025

Digitisation of Built Heritage at Risk

Castle Heiligenkreuz-Gutenbrunn, Austria

20 – 25 May 2025 | A Unique Learning Experience in Heritage Documentation

The baroque castle of Heiligenkreuz-Gutenbrunn (about an hour's drive from Austria's capital of Vienna) will be the center of buzzing activity from 20-25 May 2025, hosting the 14th installment of the CIPA Summer School.

Under the lead of the Department for the History of Architecture and Building Archaeology of the University of Technology Vienna, and in close cooperation with ICOMOS, ISPRS, CHNT ICOMOS Austria, and supported by Time Machine Organisation within the frame of the currently running Digital Europa project "3DBigDataSpace", young scholars, emerging professionals and all who wish to broaden their horizons are invited to participate in this week-long, hands-on experience.

This Summer School is a joint activity by:



A Hands-on Learning Experience in Heritage Documentation

How can digital technologies help safeguard historic sites that are at risk? The CIPA Summer School 2025 invites young scholars, emerging professionals, and heritage enthusiasts to explore cutting-edge methods of heritage documentation and risk assessment at the historic Heiligenkreuz Castle – a remarkable site currently facing challenges due to its lack of a dedicated function.

What will you gain from the CIPA Summer School?

Work with a High-Resolution 3D Dataset for Risk Assessment: Heiligenkreuz Castle has already been extensively documented, providing an exceptional opportunity to compare and analyse multiple data sets. Participants will learn how to use these datasets to assess deterioration, structural vulnerabilities, and potential conservation strategies.

Hands-On Training in Heritage Documentation: Learn advanced techniques in photogrammetry, laser scanning, and data fusion while working directly on-site.

Focus on At-Risk Heritage: Understand the challenges of preserving sites without a dedicated function and explore how digitization can contribute to their future sustainability and conservation.

Multidisciplinary Collaboration: Connect with professionals and researchers from surveying, architecture, history, conservation, restoration and digital humanities to explore new methods and applications for heritage documentation.

A Unique Learning Experience in a Historic Setting: Set in one of Austria's remarkable historic sites, this week-long program offers both practical and theoretical sessions, fostering a deep understanding of digital heritage preservation.

Whether you are a student, researcher, or professional looking to expand your skills, the CIPA Summer School 2025 is your gateway to gaining useful insights into the developments in heritage documentation and risk assessment!

Note: upon completion of the Summer School you will be awarded a **certificate of attendance** (equivalent of 3 ECTS credits, respectively 45 hours).

Join us in exploring how digital documentation can help protect built heritage at risk – at Heiligenkreuz Castle and beyond!



Who will be instructing you?

Within our 14th CIPA Summer School you will be, as always, in the best hands! We are happy to announce the enrolment of the following renowned specialists to act as your tutors and facilitators:



Ulrike Herbig (Technical University Vienna, Faculty for Architecture and Planning) Organisational Lead

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Prof. Andreas Georgopoulos (National Technical University Athens, Laboratory of Photogrammetry)

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Prof. Mona Hess (University of Bamberg, Chair for Digital Technologies in Heritage Conservation)

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Prof. Dörte Kuhlmann (Technical University Vienna, Faculty for Architecture and Planning)

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Prof. José Luis Lerma (Universitat Politècnica de València, Department of Cartographic Engineering, Geodesy and Photogrammetry)

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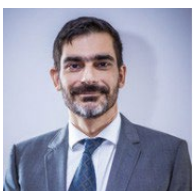
Prof. Sander Münster (Friedrich Schiller University of Jena, Department of Digital Humanities; Time Machine Organisation)

sander.muenster@timemachine.eu



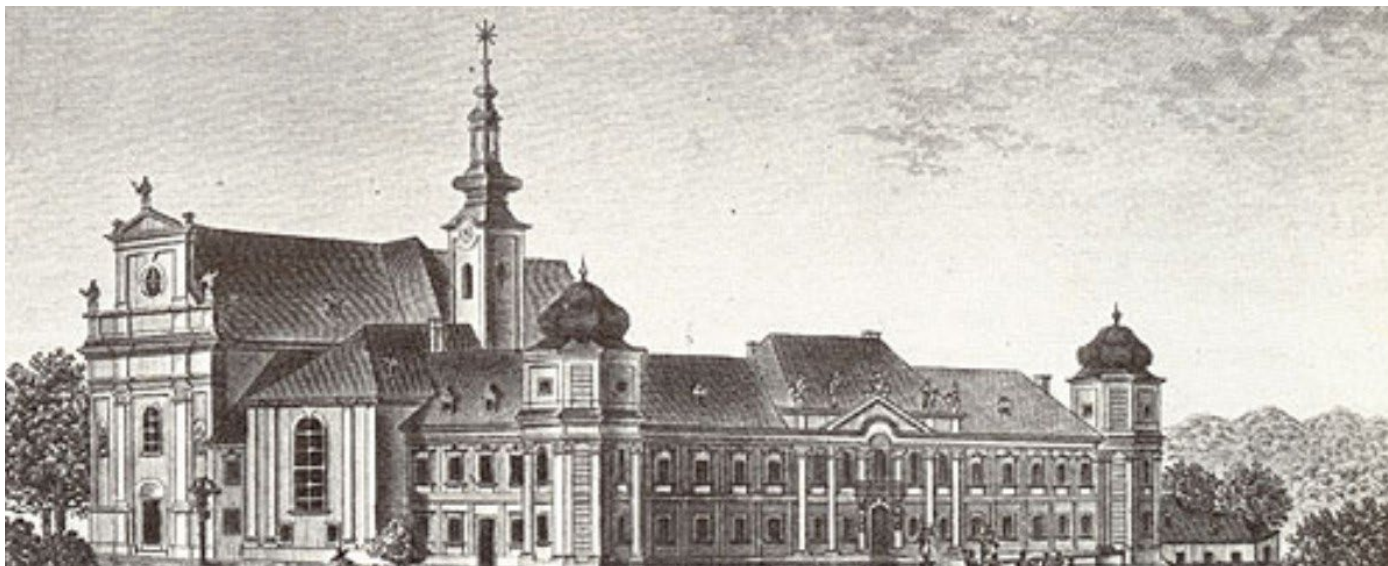
Prof. Fulvio Rinaudo (Politecnico di Torino, Department of Architecture and Design), President of CIPA Heritage Documentation

fulvio.rinaudo@polito.it



Prof. Dimitrios Skarlatos (Cyprus University of Technology, Vice Dean of Faculty of Engineering and Technology)

dimitrios.skarlatos@cut.ac.cy



History of the Castle

The manor house was originally located in a Renaissance castle in the village of Gutenbrunn at the foot of today's Kreuzberg, Jakob Daniel von Tepsern (1709).

In 1727, a statue of the Virgin Mary was found in the attic of the castle, which had stood on a pillar in the Gutenbrunn castle courtyard years before but had been thrown down by a storm. The hunter Johann Paul Müller erected it on the hill above Gutenbrunn, where it was soon visited by numerous pilgrims on their way to Mariazell.

Joseph Johann von Tepsern built a Marian chapel to protect her in 1733. Five years later, he decided to move to the hill himself, which was called Tepserberg, and build a castle there. In 1753, he began building a Servite monastery but sold the estate to the Viennese Auxiliary Bishop Franz Anton Marxer just one year later. The latter had founded a large orphanage on Vienna's Rennweg in 1742, for which he was rewarded by empress Maria Theresa with the Ebersdorf estate and significant gifts of money. Two large lottery winnings also made it easier for him to complete the buildings he had begun and to have a large pilgrimage church built right next to the palace by the Viennese architect Johann Ohmeyer.

The chapel of St Mary, which was now integrated into the building, became the bishop's private chapel. The entire building complex was named Heiligenkreuz. Bishop Marxer used the castle as a summer residence but made most of the rooms available to the Passau bishops as an alumni residence. He later donated it and the entire estate to the Passau diocese. After Emperor Joseph II founded the diocese of St. Pölten, the seminary was established in St. Pölten and the Gutenbrunn estate was sold at public auction in 1836.

The buyer was Dr Karl Ludwig Reichenbach, a well-known inventor and natural scientist who was particularly active in the field of ironworks. After leaving there, he acquired the Gutenbrunn-Heiligenkreuz estate and began breeding silkworms. This endeavour failed, as did a rail production project he later started. He had to sell his estates in 1858. Heiligenkreuz Castle came into the possession of the Figdor family, who renovated the already badly neglected building. Dr Albert Figdor (1843 - 1927), who as a banker had the necessary means, was one of the largest art collectors in Europe. His almost 4,500 works of art were auctioned in Vienna and Berlin in 1930 and scattered all over the world. In 1945, the west side of the palace was severely damaged by artillery fire, but was restored by the Figdor family, who still own the palace today.

From 1964 to 2001, the Lower Austrian Baroque Museum was housed here. Following the relocation of the Lower Austrian State Museum from Vienna to St. Pölten, however, all the exhibits from the previous outposts were concentrated in the new building there. In the summer months, concerts are often held in the palace's ballroom.

Practical Information

Currency Exchange

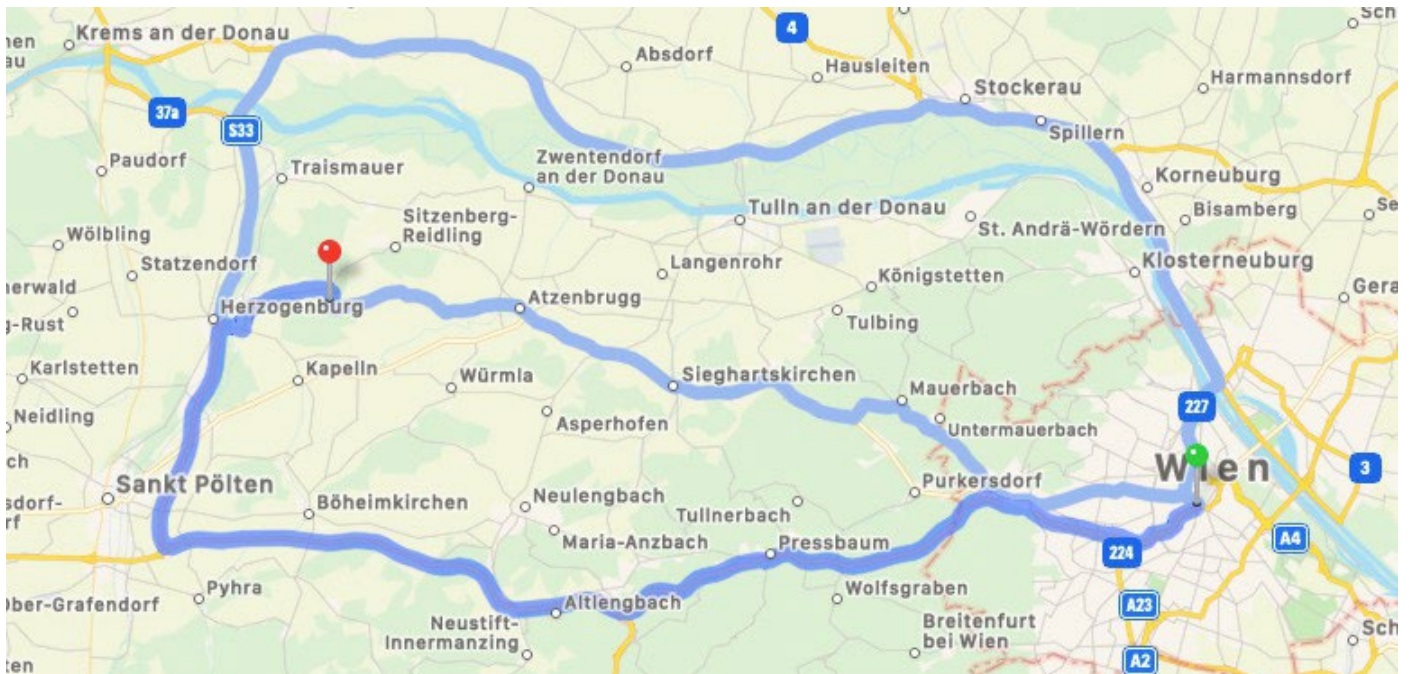
Euro is the official currency in Austria. The easiest way to get around is by paying with your bank card, use ATM or pay cash in Euro.

Included Venue (on-site residence)

Heiligenkreuz Castle
Gutenbrunn 1-3
3454 Herzogenburg

Alternative Venue: Cleverhotel in Herzogenburg (individual booking and payment)

<https://www.cleverhotel.at/>
Hotelstraße 2, A-3130 Herzogenburg
Tel: +43 664 11 16 711
E-Mail: office@cleverhotel.at



Weather

The temperatures in Heiligenkreuz in May are usually comfortable between 10°C and 19°C but can be high up to 25°C. Nights are colder and can be as low as 4°C. You can expect a few rainy days in May, but usually the weather is comfortable in May. The temperature in the castle may be between 10 and 16°C in the unheated areas, so make sure to bring warm working outfits.

What to Bring

- o A laptop would be advisable and a camera if available.
- o Clothes for various weather situations, warm working outfits
- o Flat and comfortable shoes
- o A warm jacket for the chilly evenings

Communication - WhatsApp Group

A WhatsApp group will be formed for internal communication and you will be notified on your mobiles before the start of the school. Stay tuned!



Main Venue: Castle of Heiligenkreuz-Gutenbrunn

Accessibility

- 4 master keys available for teachers
- Master key fits all doors of the lock

Heating

- The west wing (alumni building) and parts of the east wing have central heating
- The rest of the castle has no heating

Internet / WLAN

- Mobile WLAN will be provided
- Individual mobile Internet works (speed moderate and provider-dependent)

Furniture

- Existing furniture and mattresses can be moved between wings and floors on request
- Red Cross, Herzogenburg district office, will provide camp beds for the event, if needed

WCs

- 10 WCs
- 2 WCs in the stairwell (1st floor / 3rd floor west wing)
- 4 bathrooms including WC (1st floor / 2nd floor / 3rd floor west wing)
- 1 WC facility museum

Showers

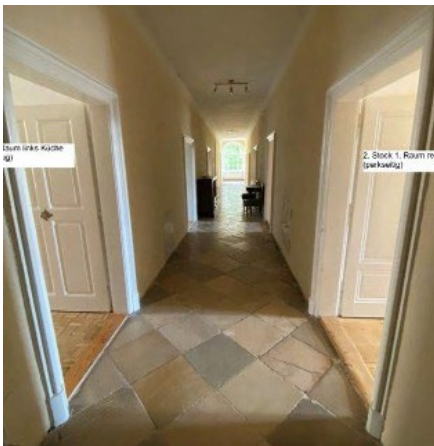
- 7 showers available
- 6 bathrooms with shower (ground floor/1st floor / 2nd floor / 3rd floor west wing)
- Hot water availability for large numbers of people is unknown, short shower units seem advisable
- Visitors are requested to bring own towels

Comforters, pillows, covers

- Availability of comforters and pillows depending on the number of participants
- Students and teachers should bring blankets and pillows if necessary
- Students and teachers should bring their own covers for pillows, blankets and mattresses

Bed sizes

- Please note the bed length indicated for the individual rooms
- People over 1.80m sleep better on the mattresses or borrowed camp beds





Kitchens

- 4 kitchens available
- 3 kitchens in the alumni building (1st floor / 2nd floor / 3rd floor west wing)
- 1 kitchenette in the former kindergarten (first floor north wing)
- 2 Refrigerators are available
- Kitchen sponges, washing-up liquid, drying cloths are provided by the house

Crockery, cutlery, cooking utensils

- Crockery (plates, glasses) and cutlery (knives, forks, spoons) can be borrowed from a wine tavern, organisation by the estate owner
- Please bring your own cooking utensils if you wish to cook. There is no kitchen equipment (no crockery, no cutlery, pots, pans, cutting knives, boards, scales etc.).

Parking spaces for motor vehicles

- Some parking spaces for motor vehicles available
- Space for 30 vehicles within walking distance
- Teachers / TU staff can park their vehicles directly in front of the west wing



The Task 2025 - what's it all about?

We will be looking at the most prominent rooms in the castle, in particular the impressive Paul Troger frescoes in the castle chapel and the splendid baroque staircase. In addition to precise measurement and documentation, this year's focus is on data comparison, i.e. comparing the data that was collected five years ago with the new data that we will collect on site.

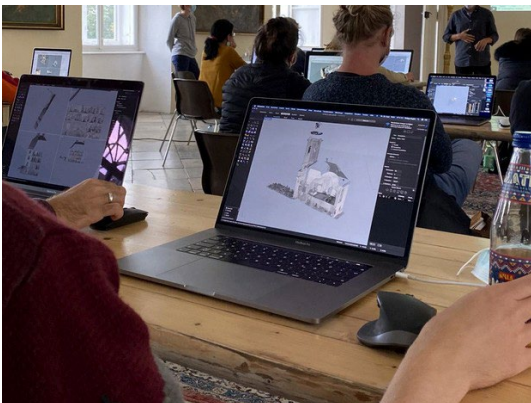


Baroque staircase, documentation in 2020

Schedule

| Date | Weekday | Activities |
|------------|-----------|--|
| 20.05.2025 | Tuesday | Arrival, Welcome and Social Dinner |
| 21.05.2025 | Wednesday | Lectures |
| 22.05.2025 | Thursday | Field Work |
| 23.05.2025 | Friday | Field Work |
| 24.05.2025 | Saturday | Data Processing |
| 25.05.2025 | Sunday | Data Processing, Group Presentations, Data Publication |

Workshop in 2020

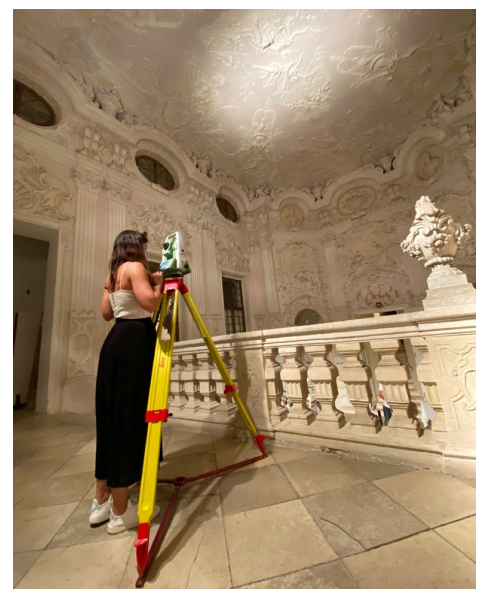


Troger Frescoe



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This project additionally receives funding by the Austrian Research Promotion Agency (FFG).



Baroque staircase, documentation in 2020

How to apply?

Step 1: Application: <https://www.timemachine.eu/cipa-summer-school-2025-registration/>

Step 2: Payment

Upon completing the registration form you will receive additional information about the payment of the corresponding fees:

Early bird registration (open until 15 March 2025): 750€

Regular registration fee: 790€

Payment will be handled via our partner CHNT ICOMOS Austria, organiser and host of the annual conference "Cultural Heritage and New Technologies".

Step 3: Final Approval

After completion of registration and successful payment, the organising team will once again reach out to you to inform you about the next steps.

Registration includes

- Tutoring
- Coffee Breaks
- Social Dinner
- Full Board Accommodation
- Shuttle Service to Heiligenkreuz (from Vienna)
- Certificate of attendance (45 hours/ 3 ECTS)



Scan and apply here!

Note: the fee does not include travel costs from/to Vienna!

Venue

The castle of Heiligenkreuz-Gutenbrunn is located in the middle of the beautiful countryside of Lower Austria, about an hour's drive from the city of Vienna. The Summer School participants will have the unique opportunity to live within the castle walls for the duration of the school (20-25 May 2025). The castle offers a variety of rooms, (shared!) bathrooms and furnished kitchens (details can be found in the downloadable brochure and by contacting our organisers (Ulrike Herbig at herbig@icomos.at)).

Google Maps: <https://maps.app.goo.gl/tMPnQA4uoduJSnK36>

Further Information:

<https://www.timemachine.eu/cipa-summer-school-2025/>



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Documentation 2025

Looking forward to seeing you on the 20th of May!