

History in Layers – Future on Screen?

The Multilayered Fragmentary Wall Paintings
of the Magdalen Chapel of St. Emmeram's in Regensburg

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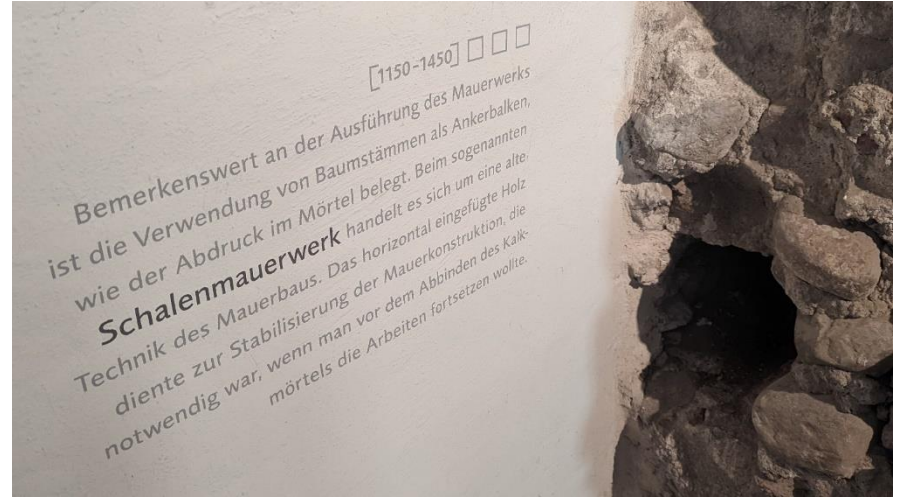
Research Questions

How can we study cultural heritage better?



Mapping of the painting layers in the Magdalen Chapel.

How can we present cultural heritage better?

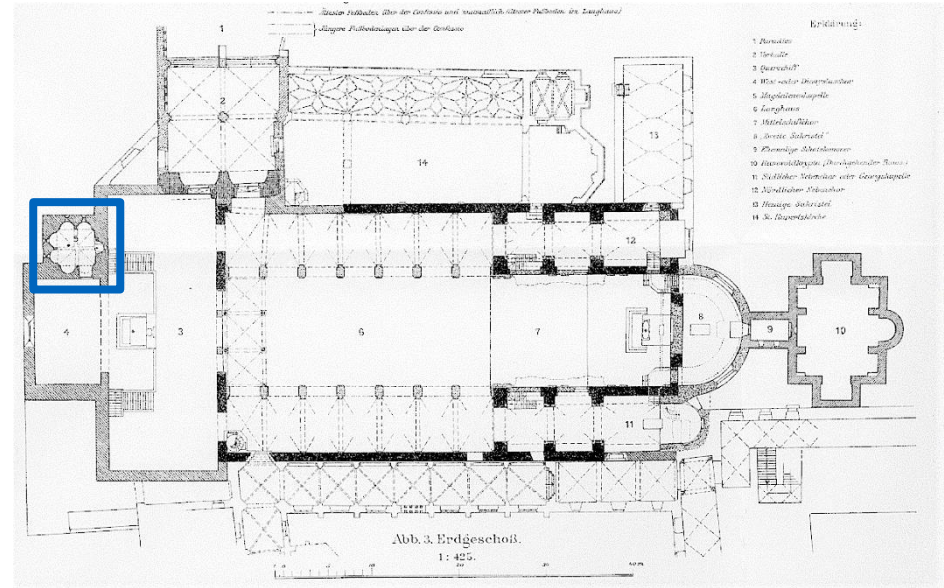


Explanatory texts in the Burgmuseum Ziesar.

St. Emmeram's in Regensburg



Inside view of St. Emmeram's in Regensburg



Floor plan of St. Emmeram's in Regensburg. Schwäbl 1919, sheet 3

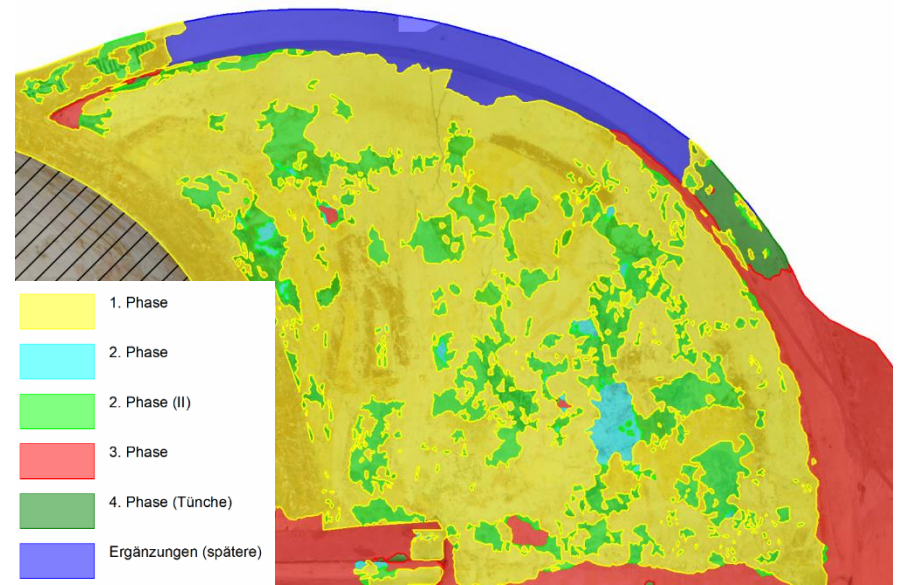


East wall of the Magdalen Chapel, 2019. *Rainer Alexander Gimmel, 2019*

Object Investigation

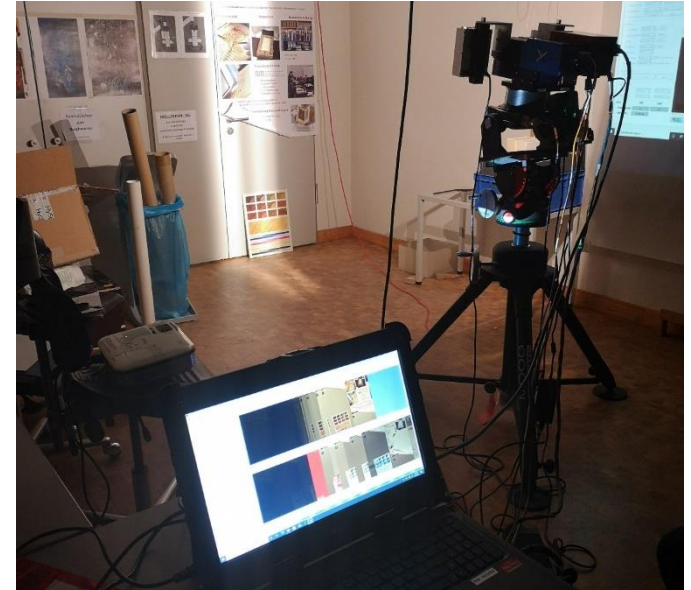
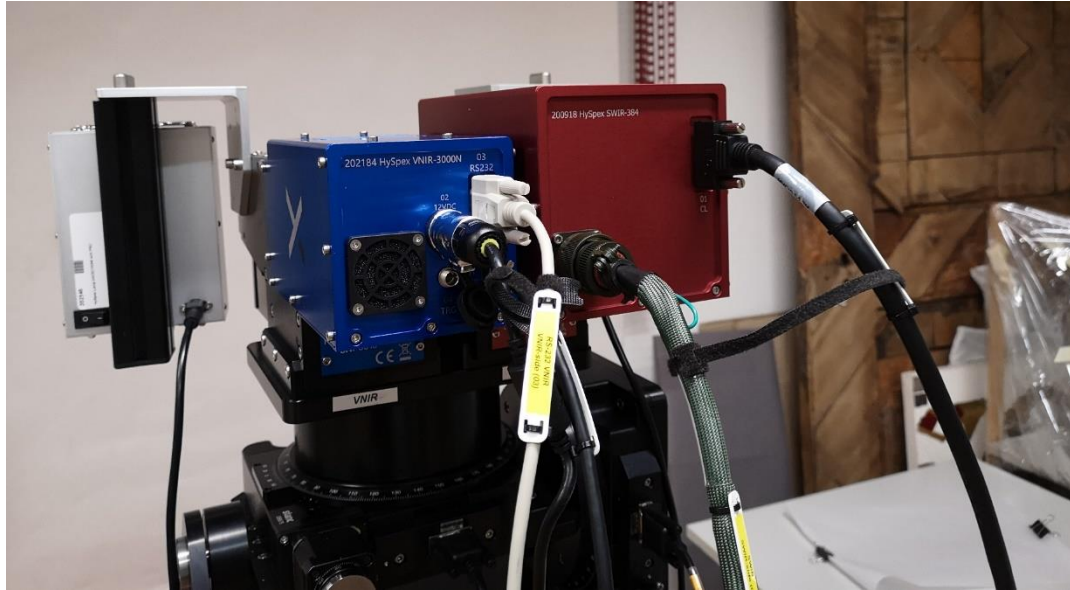


Detail of east wall. *Arnold Kreisel, 09.04.2021.*



Detail of the east wall with a mapping of the painting phases.

Scientific Investigations



Hyperspectral imaging system: HySpex VNIR-3000N and HySpex SWIR-384 (Norsk Elektro Optikk).

The Magdalenen Chapel



Detail of painting phase I on the south wall.



Detail of the palimpsest on the north wall.

Presentation of Cultural Heritage



Presentation of wall paintings with projection in Burg Ziesar.



Augmented Reality. *RGZM (Michael Orthwein, Dominik Kimmel), Schwan 2021, p. 50.*

References

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- **Weyer et al. 2016:** Weyer, Angela / Roig Picazo, Pilar / Pop, Daniel / Cassar, Joann / Özköse, Aysun / Vallet, Jean-Marc / Srša, Ivan (Eds.): EwaGlos, European Illustrated Glossary Of Conservation Terms For Wall Paintings And Architectural Surfaces, English definitions with translations into Bulgarian, Croatian, French, German, Hungarian, Italian, Polish, Romanian, Spanish and Turkish, Series of publications by the Hornemann Institute, Volume 17, 2nd revised digital edition December 2016.

Thank you very much for your attention!

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