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Hornemann Institute News 2/2022

Dear friends of cultural heritage,

We would like to inform you about some new projects of the Institute. We also make its contents available to you on [facebook.com](#), [LinkedIn](#), [Twitter](#) and [Instagram](#).

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Interdisciplinary Conference in Hildesheim



Conference 850 Years St. Godehard in Hildesheim

For the first time, the conference will review the history of the church and its important historical furnishings over the centuries. The conference will focus on three main aspects: The foundation of the monastery and the building of the church in the 12th century, the alterations to the church and monastery in the course of the reforms in the 15th century, and the historicist redesign in the 19th century. Experts from art history, (church) history, conservation and architecture will be involved.

Registration deadline: 11 September 2022.

All lectures are in German.

You can find the conference programme and the registration [here](#).

Research Projects



DFG Project to Develop a Digital Toolbox for Imaging Procedures

The DFG project "The mural cycle on the sciences and arts in the Brandenburg Cathedral cloister". HAWK will continue its conservation science research on the substantial and ideational development of the preserved inventory with partners over the next 3 years. The title of the new DFG project by Ursula Schädler-Saub (co-

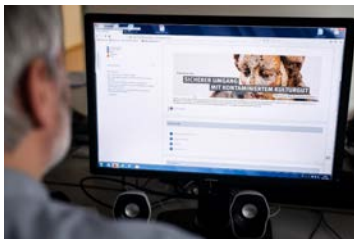
applicant: Angela Weyer, Hornemann Institute) is "Hyperspectral examination methods and the development of a digital toolbox for researching and communicating fragmentary wall painting". The project aims to complete the improved visualisation of the fragmentary wall painting cycle in the former library of the Brandenburg Cathedral cloister, to transfer the developed methodology and technique to two other case studies and to further develop them. As a result, a digital toolbox for imaging procedures will be made available. Further information can be found [here](#).



Stucco Project Starts

With a delay, our interdisciplinary research project on the Romanesque stucco fragments from the UNESCO World Heritage Church of St. Michaelis in Hildesheim is starting. It is about an extensive re-documentation of the approximately 200 medieval stucco fragments according to today's methodology. The objects originate from the second half of the 12th century, either from the choir screen or from the slightly older figures of the so-called beatitudes and the arcade arches in the southern aisle. More info [here](#).

Online Courses



The next course series begins on October 3 and ends on November 27, 2022. The registration deadline is September 26, 2022.

[Our English Courses:](#)

- Consolidation of Wood. Possibilities and Limits of Structural Consolidation
- Church Rooms and their Climate. Heating, Ventilation, Equipment Protection
- Microbial Infestation of Objects of Art and Cultural Heritage
- The Examination of Transparent Coatings on Furniture and Wooden Objects
- Conservation of Globes
- Photography as a Tool for Documentation and Examination
- How Should We Act? Theory and Ethics of Conservation and its Significance in Practice
- Restoration Theories and Methods from 1945 to the Present Day
- Teorías y Métodos de Restauración desde 1945 hasta la actualidad

[Our Courses in German with English Tutorial:](#)

- Safe Handling of Contaminated Cultural Heritage
- Basic Wood Science. Features-Use-Damage – Examination Methods, Explained by the Example of Oak

- Saccharide Binding Media and Adhesives
- Damage to Cultural Heritage from Salt
- Conservation of Wax Moulages

New course by Friederike Johanna Nithack M.A.:

Mould and records (currently only available in German, scheduled in English for our spring courses)

Friederike Johanna Nithack studied at the HAWK, among others with microbiology Prof. Dr. Karin Petersen, and has been gaining practical experience for years. She is currently assistant workshop manager at the LWL Archives Office for Westphalia and advises on conservation issues.

The course is the first in the series dealing with the consolidation of records.

E-Publishing



Essays

Jonathan Debik, Sarah Giering:

artemak+X – Techniken und Materialien der modernen und zeitgenössischen Kunst (*artemak+X - Techniques and Materials in Modern and Contemporary Art*)

The handout "The Artist Interview in Conservation - A Handbook" has now been published in English and in a 2nd revised German edition:

The handout offers information on planning and realising interviews as well as a process plan, explanations on legal requirements and on archiving interview data. Project Report, University of Fine Arts Dresden, 2022, Digital Object Identifiers:

DE: doi.org.10.5165/hawk/502

ENG: doi.org.10.5165/hawk/ 504



Till Boettger, Birgit Franz:

LÜCKENSCHLUSS: Resiliente Quartiersentwicklung für die denkmalgeschützte Fachwerkkaltstadt Hannoversch Münden (*CLOSING THE GAP: Resilient neighbourhood development for the listed half-timbered old town of Hannoversch Münden*)

The complexity of preserving the structure and substance of half-timbered old towns while at the same time transforming them in a future-oriented way is like untying a Gordian knot. Gap closures take on a supporting role in this interplay, regardless of their causality. If these breaches are recognised as enabling spaces, they hold ground breaking potential for urban development oriented towards the common good. In public, however, gaps are usually perceived rather painfully as wounds in the organism that need to be healed as quickly as possible.

Hildesheim/Berlin 2022, DOI: 10.5165/hawk/493

University Papers

Full Papers



Pelster, Henning:

[Porträt Julie Heerlein Lindley. Untersuchung, Zustandserfassung und Konservierungskonzept \(Portrait Julie Heerlein Lindley Research, condition detection and conservation concept\)](#)

The bachelor thesis includes the identification of the object and places it in the art historical context. The technological nature of the object, its production and changes are compared with other objects made by the artist Robert Schneider. The method for consolidating the image layer is discussed and evaluated with the help of tests. (Only available in German)

Bachelor Thesis, HAWK in Hildesheim 2022

Rohr, Emilie:

[Konzept zur Konservierung und Restaurierung des Gemäldes „Blinder Bettler im Café" von Josef Scharl aus dem Jahr 1927 \(Concept for the conservation and restauration of the drawing „Blinder Bettler im Café" by Josef Scharl from 1927\)](#)

The paper first documents the painting and classifies it in terms of art history. The comparison with other works by the artist provides insights into the painting style and the resulting damage phenomena. The conservation concept developed includes measures for consolidating the painting layer and cleaning the surface of the object. For this purpose, various methods of consolidation and cleaning were compared and tested for their compatibility. The work can serve as a basis for measures on other objects by Josef Scharl. (Only available in German)

Bachelor Thesis, HAWK in Hildesheim 2022

List of Abstracts of Recent University Papers

Agrizzi, Monica:

[DER MEHRTEILIGE WAPPENSTEIN VON SIGMUND DES MÜNZREICHEN IM TIROLER LANDESMUSEUM FERDINANDEUM \(1489\). Untersuchung und Konservierung unter Berücksichtigung der vorliegenden Altrestaurierungen \(THE MULTI PIECED RELIEF OF SIGISMUND, ARCHDUKE OF AUSTRIA FROM THE TIROLER LANDESMUSEUM FERDINANDEUM \(1489\). Investigation and conservation under consideration of former treatments\)](#)

Baufeldt, Luisa:

[Untersuchungen hydrophober Oberflächen mikrobiell belasteter Papiere \(Analysis of hydrophobic paper surfaces affected by mold\)](#)

Bulian, Luisa:

[ORMOCER® Glas als Glasur-Ergänzungstoff in der Konservierung und Restaurierung von Baukeramik des 19. und 20. Jahrhunderts im Außenbereich. Anwendungsbezogene Evaluation anhand von Testreihen \(Application related evaluation of](#)

ORMOCER®-Glass as a protective coating for exterior glazed architectural ceramics of the 19th & 20th century)

De Sousa, Luisa:

[Eigenschaften und Verwendung von Zwischgold mit Blick auf mittelalterliche Holzobjekte im Lüneburger Raum](#) (*Properties and use of intermediate gold with a view to medieval wooden objects in the Lüneburg area*)

Froböse, Kim:

[Bachelorarbeit zum Thema Methoden zur Festigung von Malpappe](#) (*Bachelor thesis on the topic Methods for the consolidation of painting cardboard*)

Gáyer, Miriam:

[Armillarsphäre: Himmelskörper und Kreisbahnen – Kunsttechnologische Untersuchung und Konservierungskonzept](#) (*Armillary sphere: Celestial bodies and circular orbits - Technological examination and preservation concept*)

Kolbe, Farina:

[Wirkstoffe und Methoden zur Bekämpfung von Schadinsekten in musealen Sammlungen – ein historischer Überblick über die Anwendung von Bioziden im 20. Jahrhundert](#) (*Active compounds and methods for the control of insect pests in museum collections - a historical overview of the use of biocides in the 20th century*)

Krachler, Sophie:

[The mummy collection of the Natural History Museum Vienna. Technological analyses and conservation](#) (*Die Mumiensammlung des Naturhistorischen Museums in Wien. Technologische Untersuchungen und Konservierung*)

Kunowski, Sabrina:

[Das digitale Raumbuch in der denkmalpflegerischen Praxis und seine exemplarische Anwendung auf das Interieur von Schloss Marienburg in Pattensen](#) (*The digital Raumbuch in monument preservation practice and its exemplary application to the interior of Marienburg Castle in Pattensen*)

Lazarczyk, Esther:

[Siegelkapseln aus Holz des Stadtarchivs Hildesheim: Zustandserfassung und Maßnahmenempfehlung](#) (*Sealed capsules made of wood from the Hildesheim city archive*)

Limmer, Lisa Anna:

[Die „Brachert-Kartei“ kunsttechnischer historischer Quellenverweise. Geschichte, Gliederung, Aktualität und Benutzbarkeit unter Berücksichtigung konservatorischer Aspekte](#) (*The "Brachert-Kartei" of source references of historical art technologies. History, structure, topicality and usability with consideration of conservatory aspects*)

Loghanathan, Rupie:

[EIN GRAZER KACHELOFEN \(UM 1760\) AUS DEM BESTAND DES MAK. Konservatorische Bestandsaufnahme, Konzepterstellung, Gesamtrestaurierung](#) (*A tiled stove from Graz (around 1760) from the MAK. Physical and condition survey, conservation concept, overall conservation and restoration*)

Lüders, Melina:

[Stabilisierung eines frühneuzeitigen Einbandes aus dem Stadtarchiv Hildesheim unter konservatorischen Grundsätzen](#) (*Stabilization of an early modern binding from the Hildesheim city archive under conservation principles*)

Michels, Stefan:

[Eine Schwarzwalduhr um 1810 - Technologische Untersuchung und Restaurierung](#) (*A black forest clock, about 1810 - technological investigation and conservation*)

Müller, Susan:

[Technologische Untersuchung des Gemäldes „Junge Dame in schwarzem Kleid mit roter Schleife im Haar“ aus der Sammlung der Stiftung Preußische Schlösser und Gärten Berlin-Brandenburg sowie Erstellung eines Konzeptes zur Konservierung und Restaurierung](#) (*Technological investigation of the painting "Young lady in black dress with red bow in her hair" from the collection of the Stiftung Preußische Schlösser und Gärten Berlin-Brandenburg as well as creation of a concept for conservation and restoration*)

Neitemeier, Pia:

[Gelatine - Eine Alternative zu herkömmlichen Haut- und Knochenleimen bei der Verklebung von Holz in der Restaurierung? Zugscherversuche an überlappend verklebten Lindenholzplättchen](#) (*Gelatine - An alternative to conventional hide and bone glues when gluing wood in restoration? Tensile shear tests on overlapping glued linden wood plates*)

Niggemeyer, Hanna:

[Die „Brachert-Kartei“ kunsttechnischer historischer Quellenverweise. Geschichte, Gliederung, Aktualität und Benutzbarkeit unter Berücksichtigung konservatorischer Aspekte](#) (*The "Brachert-Kartei" of source references of historical art technologies. History, structure, topicality and usability with consideration of conservatory aspects*)

Oeser, Kristina:

[Zustandsuntersuchung gebundener Grafiken der Sammlung Albrecht Haupt: Methodenentwicklung, Durchführung, Ergebnisdiskussion](#) (*Examination of binded graphic prints of the Albrecht Haupt special collection: methods, results, discussion*)

Opel, Janin:

Das Westportal der Kirche St. Cyriakus in Duderstadt
 Untersuchung der Polychromie des Tympanonreliefs
*(The Western Portal of the church St. Cyriakus in
 Duderstadt, Investigation of the polychromy of the
 tympanum relief)*

Ratuschny, Katrin:

Marouflage als historische Restaurierungsmaßnahme an
 Leinwandgemälden und ihre Folgen am Beispiel des
 Porträts der „Auguste von Sonnenberg“ von C.
 Oesterley aus dem Niedersächsischen Landesmuseum
 Hannover *(Marouflage as an historic conservation
 technique of canvas paintings and its consequences as
 seen on the portrait 'Auguste von Sonnenberg' by Carl
 Oesterley from the Niedersächsisches Landesmuseum,
 Hannover)*

Ropte, Anne:

„Der rote Ochse aus Fulda – Ein reliefiertes
 Wirtshauschild und seine Geschichte als Teil der
 technologischen Untersuchung und
 Konservierungskonzeption“ *(“The red ox from Fulda – A
 relief inn sign and its history as part of technological
 investigation and conservationconcept”)*

Saile, Aurelia:

Zum restauratorischen Umgang mit Werken politisch
 belasteter Künstler*innen am Beispiel von zwei
 Gemälden aus der Zeit des Nationalsozialismus *(On the
 restoration of works painted by politically burdened
 artists using the example of two paintings from the time
 of National Socialism)*

Schlömicher, Ines:

DER „ANTWERPENER PASSIONSALTAR“ -
 SPÄTGOTISCHE NIEDERLÄNDISCHE
 RETABELKUNST IN DER WIENER VOTIVKIRCHE.
 Untersuchung, Konservierung und Restaurierung eines
 Holzschnitzwerkes mit weitgehend originaler
 Polychromie *(THE „ANTWERP PASSION ALTAR“ -
 LATE GOTHIC NETHERLANDISH RETABLE ART IN
 THE VIENNA VOTIVCHURCH. Investigation and
 conservation of a wooden altarpiece with widely original
 polychromy)*

Schmoll, Katherina:

Charakteristische äußere Merkmale von Kohle, Kreide
 und Graphit. Möglichkeiten der Unterscheidung
 dargelegt anhand von ausgewählten Zeichnungen der
 Künstlerin Paula Modersohn-Becker aus den Jahren
 1892 - 1907 *(Characteristic external features of coal,
 chalk and graphite. Possibilities of distinction
 illustrated on the basis of selected drawings by the artist
 Paula Modersohn-Becker from the years 1892 – 1907)*

Siebenbrock, Jacqueline:

Mikrokristalline Wachse in der Konservierung mit
 besonderem Augenmerk auf deren Verwendung an
 Metalloberflächen *(Microcrystalline Waxes in*

Conservation of cultural heritage with special attention to their use on metal surfaces)

Wecker, Ann Christine:

Bachelor-Abschlussarbeit Konservierungskonzept für das Gemälde „Erntebild“ mit dem Schwerpunkt der Sicherung der Ölmalerei auf dem Bildträger Pappe
(Bachelorthesis Conservation concept for the painting "Erntebild" with the focus on solidifying the oil painting on the picture carrier cardboard)

Wettig, Désirée:

Der mittelalterliche Schmuckfußboden der ehemaligen Klosterkirche St. Ludgeri, Helmstedt - Restauratorische Befunderfassung und Möglichkeiten der virtuellen Zusammenführung des umfangreichen Fragmentfundes
(The medieval decorative floor of the former monastery church of St. Ludgeri, Helmstedt - Restorative recording of findings and possibilities of virtual merger of the extensive bundle)

Wiertzoch, Chantal:

Die Untersuchung und Erstellung eines Konzeptes zur Konservierung und Restaurierung am Frauenbildnis des Roemer- und Pelizaeus Museums in Hildesheim
(The examination and creation of a concept for conservation and restoration of the female portrait of the Roemer and Pelizaeus Museum in Hildesheim)

Wirth, Cassandra:

Stehend, Liegend, Hängend - Erstellung eines Konzepts zur platzsparenden Lagerung von Speeren und Spearartigen
(Standing, Lying, Hanging - Issue of a concept for space-saving storage of spears and spear-like objects)

Further abstracts, papers, projects and essays can be found [here](#).

News from the Hildesheim Restoration Programs



SCHIEFER 2022 (SALTE 2022) Conference, 30 September 2022, Online
(only in German)

The Lower Saxony State Office for the Preservation of Monuments invites you to the online conference SCHIEFFER 2022 on 30 September 2022. The model project Mönchehaus in Goslar offers new insights into the care of existing buildings. Several colleagues and alumni of the Hildesheim restoration courses will speak.

11.00 h: Erhaltungsstrategien für Schiefer-Wandbehänge entwickeln und erproben
(Development and testing of conservation strategies for slate wall hangings)
Hon.-Prof. Dr. Erwin Stadlbauer, NLD

11.20 h: **Untersuchungen zur Konservierung, Verwitterungssimulation und Freibewitterung**
(Studies on consolidation, weathering simulation and outdoor weathering)
Gerhard D'ham, Dipl.-Rest., HAWK Hildesheim

14.30 h: **Zusammenfassung der Projektergebnisse und Ausblick**
(Summary of the project results and outlook)
Hon.-Prof. Dr. Erwin Stadlbauer, Gerhard D'ham, Beate Skasa-Lindermeir

Your team from the Hornemann Institute,
Hannah Emmerich B.A., Nina Niemeyer-Thömel, Dipl.-Ing. Gunnar Werner, Dr. Angela Weyer M.A.



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