



Hornemann Institute News 4/2021

Dear newsletter recipients,

We can now tell you more about our next two conferences. We would also like to draw your attention to two positions that will be vacant in 2022.

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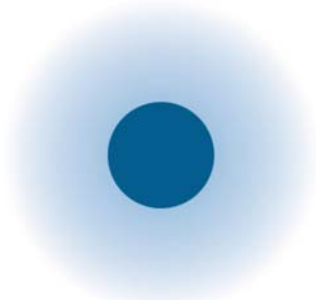
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On our Own Account



* For our research project on the approximately 200 stucco fragments from the 12th century that were recovered during excavations in the UNESCO World Heritage Church of St. Michaelis in Hildesheim (see below), we are looking for an experienced conservator for a few months.

* For our online courses in particular, we will be announcing a full-time position for an academic conservator in the near future. Then you will find the advertisement on the [HAWK Job Portal](#).

Events



Non-Invasive!

New Prospects in the Research and Restoration of Wall Painting thanks to Digital Techniques

International conference of the HAWK (Faculty of Engineering and Conservation and Hornemann Institute) in cooperation with the Brandenburg State Office for the Preservation of Historical Monuments and the Archaeological State Museum and the Brandenburg Cathedral Abbey

Time: 27 - 30 April 2022

Place: Brandenburg an der Havel, Old Town Hall

On April 28 and 29, the results of the DFG project on the mural painting cycle in the Brandenburg Cathedral cloister, led by Ursula Schädler-Saub, will be presented at the Brandenburg Cathedral Cloister. In addition, other colleagues will present innovative projects on the conservation of wall paintings/architectural surfaces for discussion on April 29, 2022.

Speakers include Prof. Dr. Dip.-Rest. Ursula Schädler-Saub, Dr. Jürgen Pursche, Dipl. Rest. Mechthild Noll-Minor, Sabine Krause-Riemer M.A., Dr. Andreas Herzog, Prof. Dr. Ulrike Heinrichs.

As a kick-off program, we will walk under expert guidance from St. Katharina to St. Johannis to the cathedral cloister on the afternoon of April 27. On April 30, there will be an excursion to medieval wall painting in the Mark Brandenburg.

An accompanying book with the final documentation of this DFG project will be published for the conference. Registration will probably be opened in January [here](#).



**850 Years St. Godehard in Hildesheim
Interdisciplinary Conference of the Hornemann
Institute of the HAWK and the Klosterkammer
Hannover in Cooperation with the Diocese of
Hildesheim in the Context of the Festive Program for
1000 Years of Bishop Godehard**

Place: HAWK in Hildesheim

Time: 19 - 21 September 2022

Even today, the building history and furnishing as well as their cultural-historical classification raise numerous questions. The [conference](#) will review the history of the church and its important historical furnishings over the centuries, with a special focus on three main aspects: The foundation of the monastery and the construction 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. Speakers: Prof. Dr. theol. Dr. phil. Jörg Bölling, Dr Christian Forster, Prof. Dr Martina Giese, Dr Markus Hörsch, Dr Ulrich Knapp, Dr Kristina Krüger, Dr Dipl.-Rest. Stefanie Lindemeier, Dr Gerhard Lutz, Prof. Dr Hans-Rudolf Meier, Dr Felix Prinz, Dr des. Jörg Richter, Prof. Dr. Dip.-Rest. Ursula Schädler-Saub, Dr. habil. Christian Scholl, Dr. des. Christian Schuffels, Dr. Anja Seliger, Priv.-Doz. Dr. habil. Monika Suchan, Dr. Monika Tontsch, Prof. Dr. Matthias Untermann, Prof. Dr. Thomas Vogtherr, Prof. Dr. Harald Wolter-von dem Knesebeck, Dr. Angela Weyer.

Registration will be opened [here](#) after easter.



The Romanesque Stucco Fragments from the UNESCO World Heritage Church of St. Michael's in Hildesheim Summarizing Documentation and Research of all Excavation Finds

The content of the planned project is to bring together the approximately 200 stucco fragments from four excavations and to systematically document and research them in correlation with historical sources, technical observations on the objects and scientific analyses. In particular, the original polychromy of the choir screen is a major research desideratum, not only for Hildesheim. Some of the fragments bear well-preserved paint residues, which for the first time give hope for the documentation of the sequence of layers since the Middle Ages. Based on the use of non-invasive examination techniques, smallest samples are to be taken for the analysis of stucco, pigments and binders.

E-Publishing



University Papers

Emmerich, Hannah:

[An Ebony Medal Cabinet with the Façade of the Mauritshuis from the Collection of the Rijksmuseum Amsterdam. Classification of the Object with the Help of Conservational and Natural Scientific Studies](#)

Different sources have assigned the Medal Cabinet to the second half of the 17th century or to the 19th century, this contradiction has led to the question posed in this thesis.

The conservational and scientific investigations have proven a date between the late 18th and the early 19th to be more plausible.

Bachelor thesis, HAWK University of Applied Sciences and Arts Hildesheim/ Holzminen/Göttingen, 2020

DOI: 10.5165/hawk/491

Underwood, Niklas:

[Tomographic Evaluation of Ultrasonic Travel Time Data as a Non-Destructive Technique for Testing Object Made of Carrara Marble](#)

The measurement of ultrasonic velocity is a common technique for non-destructive testing of cultural heritage made of Carrara marble. Its state of preservation can be determined due to slower ultrasonic velocities in weathered areas of the marble. An improvement of these method is the tomographic evaluation of ultrasonic travel time data. The tomographic image shows a distribution of the ultrasonic velocity within the marble and enables the localisation of damaged areas. This thesis pre-sents tomographic images with high resolution and how the image can be im-proved with the purpose to localise even small inhomogeneous zones. Travel time measurements on specimens of Carrara marble are carried out by using an auto-mated process. Furthermore it is shown how the quality of tomographic images can be checked and improved.

Master thesis, University of Applied Sciences Potsdam, 2014, DOI: 10.5165/hawk /492



Lippuner, Flora:

[Slow Conservation. The Sustainable Preservation of Ruins in the Natural Environment, Using the Example of the Neu-Aspermont Castle Ruin in Jenins, Grisons](#)

Ruins form complex structures and are directly affected by environmental influences such as the climate conditions and the surrounding nature. In order to capture this complex system of a ruin, a holistic approach is needed - the building has to be looked at in all its dependencies. Using the case study of the medieval castle ruin Neu-Aspermont, the existing degradation processes in interaction with the environmental influences was evaluated in order to develop a sustainable conservation concept. In comparison, to the previous preservation measures and with different examples of conservation concepts carried out on various castle ruins in the "Kanton Graubünden", the different concepts and methods are assessed. The transfer and exchange of knowledge within all parties involved in the preservation of the ruin played a crucial part.

Master thesis, Bern University of the Arts, 2020

DOI: 10.5165/hawk /488



Project Report

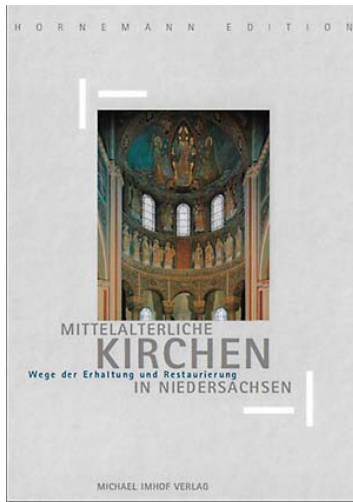
Jonathan Debik, Sarah:

[artemak+X – Techniques and Materials in Modern and Contemporary Art](#)

The handout "Das Künstler*inneninterview in der Restaurierung - Eine Handreichung" (The Artist Interview in Conservation), produced as part of the project "artemak+X - Techniques and Materials of Modern and Contemporary Art" at the Dresden University of Fine Arts, is intended to make it easier for anyone interested to familiarise themselves with the interview as a research method, and to raise awareness of the scientific conduct and evaluation of artist interviews. In addition to the implementation and the preparation and follow-up, the handout offers further helpful information on the planning and realisation of individual interviews or interview projects as well as a process plan, explanations on legal requirements and the archiving of interview data.

Project report, Dresden University of Fine Arts, 2021

DOI: 10.5165/hawk /490



Book

Schädler-Saub, Ursula: Medieval Churches in Lower Saxony. Ways of Preservation and Restoration

The artistic landscape of Lower Saxony is characterised by important churches from the Middle Ages. This book, written together with students, presents seven churches from a new perspective: St. Michael and St. Godehard in Hildesheim, the cathedral in Braunschweig, the collegiate church in Königslutter, the Old Church in Idensen, Loccum Monastery and the nuns' choir in Wienhausen Monastery. With many illustrations, the contributions convey how much their appearance is determined in particular by 19th and 20th century conservation and additions.

Digital copy of the book published in 2000 by Michael Imhof Verlag, now out of print.

DOI: 10.5165/hawk /489

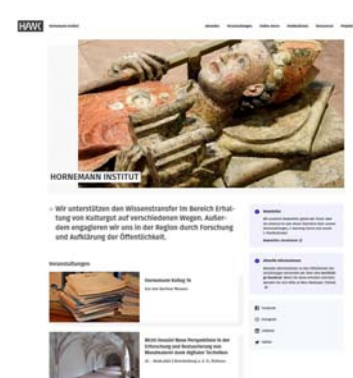
Continuing Training



Online Courses

From 4 April to 29 May 2022, all our online courses will run again. You can find the current offer [here](#).

Other



Our Website in a New Design

Since the beginning of November, our website has a new design and improved navigation. You will then be able to use it with all end devices, including tablets and smartphones.

We hope you enjoy discovering and testing it.

Wishing You all the Best!

We wish you a peaceful Advent season and good health!

Sincerely,

The Team of the Hornemann Institute

Christine Fiedler M.A., Dipl.-Rest. Barbara Hentschel
M.A., Nina Niemeyer-Thömel; Dipl.-Ing. Gunnar Werner,
Dr. Angela Weyer M.A.



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