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Hornemann Institute News 2/2021

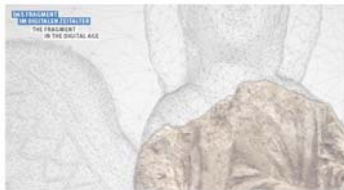
Dear newsletter recipients,

Our conference "The Fragment in the Digital Age" is over now, but we are still collecting comments worldwide for the future guidelines until the end of the month. This newsletter is also dedicated to our upcoming events, which will hopefully be able to take place again from the coming winter semester onwards.

You are welcome to use and distribute it in full or in part. Follow us on [facebook.com](#), [LinkedIn](#) and [Twitter](#).

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E-Publishing



Draft of Guidelines for the Use of Digital Techniques in Conservation-Restoration and in the Presentation of Fragments

Our conference "The Fragment in the Digital Age" in cooperation with the German National Scientific Committee for Conservation-Restoration of ICOMOS and the German Association of Restorers took place online with great success from 7 - 8 May 2021 with 600 participants from 27 countries. Almost all contributions and posters are published in the preprint (see below).

The aim of the critical debates was to start a discussion on practical guidelines on the future handling of the fragment in restoration-conservation and monument preservation. During the conference, many important comments were gathered. We cordially invite you all to comment on the draft until 31 May which you can find on the [conference website](#). Please send your comments to service@hornemann-institut.de.



Articles

The paper of Nihan Kocaman Pavlovic given at the conference will be published in July with a DOI on https://www.hornemann-institut.de/english/e_publication.php.

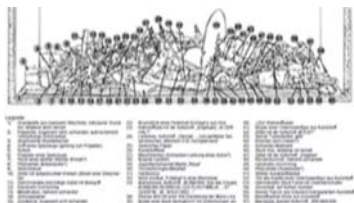
Under the title “Re-Thinking the Interventions of the 20th Century”, the Turkish architect critically examined the treatment of archaeological sites in Europe: she classified them and showed new possibilities of documentation and presentation using digital techniques.



Ursula Schädler-Saub

[Dealing With Authenticity in the Conservation and Restoration of Wall Paintings and Architectural Surfaces](#)

This article presents three case studies related to the conservation-restoration of wall paintings and architectural surfaces in Germany and Italy and uses them to clarify some central theoretical issues, intertwining them with practical needs and demands. The multi-layered meanings of authenticity in the practice of conservation-restoration can range from the respectful preservation of the handed-on conditions and appearance of a work, with all material remains of its reception and interpretation, to the critical evaluation of historical restorations based on scholarly value judgments, and even to the reconstruction e. g. of architectural surfaces as a method for the sustainable protection of historical findings and a good way to visualize historical presentations and hand on traditions of craftsmanship.



Academic Theses

Jan Braun

[Das Objekt „Hasengrab IV“ von Joseph Beuys: Restaurierung, Konservierung und Transport eines aus heterogenen Materialien bestehenden modernen Kunstwerkes](#) (*The object "Hasengrab IV grave" by Joseph Beuys: restoration, conservation and transport*)

„Hasengrab IV“ („Hare’s grave IV“) – an object of modern art composed of heterogeneous materials posed the following question: was the observed damage intended by the artist. Following the decision-making model it was decided that the insect infestation, soiling and the structural damage occurred after creation and was not intentional. Furthermore, it had to be decided whether the glass case in which the object was found actually belonged to it. The insect infestation was treated with nitrogen and the glass case was sealed against further infestation. The structural damage was secured by an adhesive treatment. Additionally, advice for the object’s future presentation and transportation is given. Diplom Thesis, Technische Hochschule Köln 2002, Doi:10.5165/hawk-hhg/473



Luisa Bulian

[Evaluation von Glasurergänzungstoffen für historisch glasierte Keramik im Außenbereich. Ausblick zu einem Konservierungs- und Restaurierungskonzept für die Glasur der Baukeramiken des Gebäudes Scharnhorststraße 2 in Leipzig](#) (*Evaluation of supplements for architectural glazed ceramics in outdoor weathering. Recommendations for a conservative and restorative concept für the glaze of ceramics present on the facade of a building in Scharnhorststraße 2 in Leipzig*)

This thesis deals with the treatment of glazed ceramics which results in the elimination of surface defects in outdoor weathering. The reason is the planned renovation of a historical building in Leipzig. Its structure has a versatile façade made of glazed ceramics. On the basis of a reference surface, an inventory of the existing shaped stones and documentation of the occurring damage phenomena was made. Based on this, requirements for a conservation - restoration treatment are developed.

Bachelor Thesis, Fachhochschule Potsdam 2019, Doi: 10.5165/hawk-hhg/474



Barbara Hentschel

[Biochemische Methoden zur Ausdünnung konsolidierender Überzüge. Alternativen für den Einsatz von Lösungsmitteln?](#) (*Biochemical Methods For Thinning Consolidant Coatings. Alternatives To The Use Of Solvents?*)

The impulse for this thesis was the situation of the painted ceiling by A. Kolb (1927) in the St. Mauritius church in Ibbenbüren: During a conservation intervention during the 1970s the painting, originally executed in casein paints, was coated with a consolidating film of acrylic resin (Paraloid®/Acryloid B 72). Ever since a strong colonization with the mould fungus *Aspergillus fumigatus* is detected on the treated surfaces. A direct coherence between the colonization of the painted ceiling and the introduction of acrylic resins could be shown. The release of the fungal toxin Gliotoxin, which is produced by *Aspergillus fumigatus* through solvents which are conventionally used to thin such coatings, was also proven.

Master Thesis, HAWK Hochschule für angewandte Wissenschaft und Kunst Hildesheim/Holzminden /Göttingen 2006, Doi: 10.5165/hawk-hhg/471



Melanie Korn

[Zwei Federmosaikschilde im Landesmuseum Württemberg Stuttgart - Eine materialtechnische Untersuchung](#) (*Two pre-Columbian shields decorated with feather mosaic from the State Museum of Württemberg Stuttgart*)

The master thesis deals with two pre-Columbian shields of the Landesmuseum Württemberg Stuttgart, which are decorated with feather mosaic. They are unique examples of feather art (Ars Plumaria). The study focuses on a material analysis and the investigation of the manufacturing techniques of both shields. Amongst others, the correct orientation, the way the shields were used and their dating is clarified. In addition, their collection and exhibition history is reconstructed and a temporal assessment of their previous restorations is carried out. A concept was developed for the museum to preserve the feather shields for future generations. Master Thesis, Hochschule für Technik und Wirtschaft Berlin 2016, DOI: 10.5165/hawk-hhg/475



Cooperation with IADA

The International Association of Archive, Book and Paper Conservators (IADA) had already decided in 2020 to offer an e-publication section for academic university papers in addition to its print publications. After a short market research, it became clear that the Hornemann Institute's offer was in line with the IADA's own ideas. After only a short time, a cooperation was established in which the IADA now makes its members aware of the Institute's offer and the Institute offers its full service to IADA members.



Series of publications by the Hornemann Institute, Vol. 21

The 320-page publication of the most recent conference proceedings with nearly all the papers and posters has already been delivered to us and can be ordered via www.baesslerverlag.de.

Das Fragment im Digitalen Zeitalter | The Fragment in the Digital Age. Möglichkeiten und Grenzen neuer Techniken in der Restaurierung | Opportunities and limitations of new conservation-restoration techniques.

Conference papers of the interdisciplinary conference of the HAWK Hochschule for Applied Sciences and Arts in cooperation with the German National Scientific Committee for Conservation-Restoration of ICOMOS and the German Association of Restorers, May 7 – 8, 2021, ed. by Ursula Schädler-Saub and Angela Weyer, Berlin 2021.

Events



Restoration Ethics Meets Practice... On the occasion of the farewell of Prof. Dr. Dipl.-Rest. Ursula Schädler-Saub from the HAWK

Time: 8 October 2021, from 2:00 pm

Place: HAWK, Hohnsen 2, Assembly Hall, Hildesheim

Prof. Dr. Dipl.- Rest. Ursula Schädler-Saub has been Professor of History and Theory of Restoration and Art History at the HAWK in Hildesheim, Faculty of Architecture, Engineering and Conservation, since 1993. In this event, she will say goodbye to her companions, students, alumni and colleagues as a full professor.

In the main part of the event, some of her graduates will report on their professional experience and shed light on the question of how helpful restoration ethics and the history and theory of restoration are for practice, and whether it is possible to use them to assert oneself in the face of very different interests on site in order to improve the quality of restoration concepts and their implementation.

The event is subject to registration. The registration option will be activated [here](#) in September.

Continuing Training

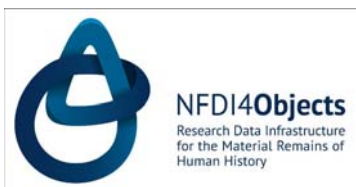


Online Courses

All our online courses will be updated and begin on October 4. You can find our offer [here](#).

From autumn also available in an English version:
Prof. Dr. Gerdi Maierbacher-Legl, Susanne Karius M.A.
and Christine Fiedler M.A.: *Consolidation of wood.
Possibilities and limits of structural consolidation*

Projects



Support of NFDI4Objects

The consortium "Research Data Infrastructure for the Material Remains of Human History" (acronym: NFDI4Objects) continues to work on an application for NFDI consortia of the German Research Foundation (DFG). The aim of the National Research Data Infrastructure (NFDI) is the systematic management of scientific and research data, the long-term storage, safeguarding and availability, as well as the networking of these data at national and international level.

For further information see [here](#).

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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