

SCHRIFTENVERZEICHNIS (Stand 09/2020)

Prof. Dr. Julia Schultz

Monographien

- 2014 **Schultz, J.**
Der Einsatz immunologischer Methoden zum Nachweis von Proteinen und Gummen an Kunst und Kulturgut. Dissertation an der Staatlichen Akademie der Bildenden Künste in Stuttgart (DOI: [10.11588/ardok.00002755](https://doi.org/10.11588/ardok.00002755))
- 2003 **Schultz, J.**
Der Bestand historischer Holzbearbeitungswerkzeuge des Handwerksforschers Dr. Günther Heine. Systematische Erfassung und kommentierte Bearbeitung. Diplomarbeit an der HAWK Hildesheim/Holzminden/Göttingen; auf DVD; Siegl Fachbuchhandlung (vergriffen)

Fachartikel und Tagungsbeiträge

- 2019 Lude, U. & **Schultz, J.**
Anfärbemethoden für Proteine und trocknende Öle an Gemäldequerschliffen: Ein Review. Zeitschrift für Kunsttechnologie und Konservierung ZKK 32, 2 2018, S. 201-212
- 2018 **Schultz, J.**
Immunologie und die Möglichkeit der Identifizierung proteinhaltiger Bindemittel und Klebstoffe. In: Natürliche organische Farb- und Bindemittel. Beiträge des 12. Konservierungswissenschaftlichen Kolloquiums in Berlin/Brandenburg am 30 November 2018 an der Fachhochschule Potsdam. Arbeitshefte des Brandenburgischen Landesamtes für Denkmalpflege und Archäologischen Landesmuseums. Michael Imhof Verlag GmbH & Co.KG, S. 56-66
- 2018 Künzig, A.; Krekel, C.; **Schultz, J.**
Weltuntergang in noblem Blau. Die Stuttgarter Apokalypse-Tafeln und die Maltechnik des Trecento. Ausstellungskatalog: Die Stuttgarter Apokalypse-Tafeln. Hrg.: Staatsgalerie Stuttgart; Annette Hojer in Kooperation mit der Akademie der Bildenden Künste Stuttgart; Christoph Krekel, ISBN 978-3-95498-367-4, S. 60-73
- 2018 Hoffmann, P.; Flege, S.; Ensinger, W.; Wolf, F.; Weber, C.; Seeberg, S.; Sander, J.; **Schultz, J.**; Krekel, C.; Tagle, R.; Wittkopp, A.
MA-XRF investigation of the Altenberg Retable from 1330. X-Ray Spectrometry. 2018; 1–8. (DOI: [10.1002/xrs.2829](https://doi.org/10.1002/xrs.2829))
- 2017 Krizova, I.; **Schultz, J.**; Němec, I.; Cabala, R.; Hynek, R.; Kuckova, S.
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- 2017 Gombaud, C.; **Schultz, J.**; Buti, D.; Thuresson, K.; Martensson, M.
Maurice-Quentin de La Tour and Jean Valade pastels: History, materials and studio practice. ICOM-CC 18th Triennial Conference 2017 Copenhagen
- 2017 Wolf, F.; Weber, C.; Seeberg, S.; Sander, J.; Hoffmann, P.; Flege, S.; Ensinger, W.; **Schultz, J.** und Krekel, C.

- Die bildgebende Röntgenfluoreszenz-Untersuchung des Altenberger Altars von ca. 1330. Neue Befunde zur rückseitigen Bemalung eines der frühesten Hochaltarretabel im deutschsprachigen Raum. Zeitschrift für Kunsttechnologie und Konservierung ZKK 31, 1 2017, S. 5-33
- 2017 Sauvage, L.; Settimi, S.; van Leeuwen, I.; **Schultz, J.** & Abdulah, K.
"Precious powder": Designing a methodology for the technical and analytical study of pastel paintings from the Rijksmuseum collection. TECHNART 2017 Conference on Non-destructive and microanalytical techniques in art and cultural heritage. Bilbao, May 2 - 6, 2017
- 2016 Weber, C.; Krekel C. & **Schultz, J.**
Das Altenberger Altarretabel. Bestand und Maltechnik. In: Schaufenster des Himmels. Der Altenberger Altar und seine Bildausstattung (Ausstellungskatalog), Hrg. Jochen Sander, Auflage 1, Deutscher Kunstverlag, pp.39-51, 2016
- 2016 Pataki-Hundt, A.; **Schultz, J.**; Dvalishvili, T.; Krekel, C. & Kudava, B.
The Mokvi Gospel: Consolidation of Miniatures on Gold. Journal of Paper Conservation, Vol. 17, Iss. 3-4, 2016 (DOI: 10.1080/18680860.2016.1251149)
- 2015 Hrdlickova Kuckova, S.; **Schultz, J.**; Veiga, R.; Murta, E.; Sandu, I.C.A. *Proteomics Tools for the Contemporary Identification of Proteinaceous Binders in Gilded Samples.* International Journal of Conservation Science (IJCS), Vol. 6, Special Edition, pp. 507-518
- 2015 Lee, H. Y.; Atlasevich, N.; Granzotto, C.; **Schultz, J.**; Loike, J. & Arslanoglu, A.
Development and application of an ELISA method for the analysis of protein-based binding media of Artworks. Analytical Methods, 2015, 7: 187-195
- 2014 Rizzo, A.; Baumeister, M.; Edelstein, B.; Gambirasi, A.; Scharrahs, A., with contributions by **Schultz, J.** & Kirby, D.
A rediscovered opulence: The surface decoration of an early 18th century Damascene reception room at The Metropolitan Museum of Art. In: Faulding, R.; Thomas, S. (Hrsg.) Architectural Paint Research: Sharing Information, Sharing decisions; Archetype Publications, London, 2014: 117-132
- 2013 Scharrahs, A.; Edelstein, B.; **Schultz, J.**
Historic 'ajami interiors in Syrian residences of the 18th & 19th centuries: research and conservation. In: Heritage Wood: Research & Conservation in the 21st Century, Joint Interim Conference of ICOM-CC Working Groups: Wood, Furniture, & Lacquer - Scientific Research - Sculpture, Polychromy & Architectural Decoration, 28-30 October 2013, National Museum in Warsaw, Polen (im Druck)
- 2013 Kovács-Mravík, P; Galambos, E.; Márton, Z.; Kisapáti, I.; **Schultz J.**
A Polychrome Wooden Interior from Damascus: A Multi-Method Approach for the Identification of Manufacturing Techniques, Materials and Art Historical Background. Proceedings from Joint Interim Meeting of three ICOM-CC groups, "Heritage Wood: Research& Conservation in the 21st Century", 28-30 October 2013 Warsaw, Poland (im Druck)
- 2013 Frank, M.-L.; **Schultz, J.**; Becker, E., Hähner, U.; Petersen, K. & Brückle, I.
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- 2012 Sandu, I.C.A.; Roque, A.C.A.; Pires F.; Almeida A.; Magrini, D.; Bracci, S.; **Schultz, J.**
Biochemical imaging and identification of proteinaceous binders in painted and polychrome works of art. 2nd International Workshop on Physical and Chemical Analytical Techniques in Cultural Heritage, June 4th -5th 2012, Lisboa, Portugal
- 2011 **Schultz, J.** & Petersen, K.
Antibody-based Techniques to Distinguish Proteins and Identify Sturgeon Glue in Works of Art. Proceedings of Symposium Adhesives and Consolidants for Conservation: Research and Applications. Canadian Conservation Institute CCI, Ottawa, 17th -21st October 2011, Canada
- 2010 Baumeister, M.; Edelstein, B.; Rizzo, A.; Gambirasi A.; Hayes, T.; Keppler, R & **Schultz, J.**
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- 2010 Arslanoglu, J.; **Schultz, J.**; Loike, J.; Petersen, K.
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- 2009 Arslanoglu, J. & **Schultz, J.**
Immunology and Art: Using antibody-based techniques to identify proteins and gums in binding media and adhesives. The Metropolitan Museum of Art Bulletin, 2009: 40-46
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- 2002 **Schultz, J.** & Strätling, M.
„Problemfeld Schimmel“. In: Freundeskreisblätter des Freilichtmuseum des Bezirks Oberbayern. Vol. 41, 2002: 86-96

Poster

- 2017 Kirchner, B.; Pataki-Hundt, A.; Brückle, I.; Röhrle, M.; **Schultz, J.**
The Augsburger Geschlechtertanz by Narziss Renner (1522) – Material analysis and conservation concept. ICOM-CC 18th Triennial Conference 2017 Copenhagen
- 2014 **Schultz, J.**; Petersen, K. & Freyer, U.
Species-specific investigation of animal glues on Boulle marquetry using enzyme-linked immunosorbent assay (ELISA). ICOM-CC 17th Triennial Conference 2014 in Melbourne, Australia
- 2012 Sandu, I.C.A.; Roque, A. C. A.; **Schultz, J.**; Pires, F.; Almeida, A.; Magrini, D.; Bracci, S.
Biochemical imaging and identification of proteinaceous binders in painted and polychrome works of art. 2nd International Workshop on Physical and Chemical Analytical Techniques in Cultural Heritage, June 4th -5th 2012, Lisboa, Portugal

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The use of ELISA for the identification of proteins using the example of a Damascene reception room in The Metropolitan Museum of Art. Conservation and the Eastern Mediterranean. International Institute for Conservation of Historic and Artistic Works (IIC) Contributions to the Istanbul Congress, 20th-24th September 2010. Rozeik, C., Roy, A. and Saunders, D. (eds) London: IIC: 269
- 2010 Kirby, D.P.; Arslanoglu, J.; Rizzo, A. & **Schultz, J.**
Identification of Proteins in Works of Art: Combined Use of MALDI Mass Fingerprinting and ELISA. 58th ASMS Conference on Mass Spectrometry and Allied Topics, Salt Lake City, Utah 23rd-27th May 2010