Cecil Krarup Andersen
Lektor
Institut for Konservering
Resilient Heritage Conservation
Det Kongelige Akademi - Arkitektur, Design, Konservering
Adressetype: Postaddresse.
Esplanaden 34
1263
København K
Danmark
Adressetype: Postaddresse.
Esplanaden 34
1264
København K
Danmark
E-mail: cka@kglakademi.dk
Telefon: +4541701933

CV

Cecil Krarup Andersen
Cecil Krarup Andersen is associate professor and head of the Paintings Conservation Program at the Royal Danish Academy, Architecture, Design and Conservation. She graduated from the School of Conservation, Copenhagen in 2005 and received her PhD in the structure and mechanics of lined paintings in 2013 from the Royal Danish Academy in collaboration with Centre for Art Technological Studies (CATS) and the Smithsonian Institution in Washington DC (MCI).

Cecil has extensive experience as a painting conservator from both private practices and museums –including the Danish National Gallery and the National Museum of Denmark. This experience provides her with a solid basis for both teaching and research into paintings and their remedial and preventive conservation.

Cecil's research focuses on painting's technique, mechanical properties in paints and painting material including mechanical degradation related to climate control in collection and the effect of structural conservation of canvas paintings including wax-resin and glue-paste lining. In the Horizon2020 EU project CollectionCare she worked with computer modelling and simulation of degradation scenarios for canvas paintings.

Ansættelse

Programansvarlig
Lektor
Institut for Konservering
Det Kongelige Akademi - Arkitektur, Design, Konservering
København K, Danmark
1 okt. 2017 → present

Resilient Heritage Conservation
Det Kongelige Akademi - Arkitektur, Design, Konservering
København K, Danmark
1 okt. 2022 → present

Det Kongelige Akademi - Arkitektur, Design, Konservering
København, Danmark
1 okt. 2020 → present

Publikationer

Evaluating three water-based systems and one organic solvent for the removal of dammar varnish from artificially aged oil paint samples
Husby, L. M., Andersen, C. K., Pedersen, N. B. & Ormsby, B., nov. 2023, I: Heritage Science. 11, 14 s., 244.

Proteomic identification of beer brewing products in the ground layer of Danish Golden Age paintings
Di Gianvincenzo, F., Andersen, C. K., Filtenborg, T., Mackie, M., Ernst, M., Ramos-Madrigal, J., Olsen, J. V., Wadum, J. & Cappellini, E., 24 maj 2023, I: Science Advances. 9, s. 1-13 eade7686.

An Insight into the Limits and Possibilities of the Biological, Chemical, and Mechanical Performance of GluePaste Lined Paintings
Fuster-López, L., Andersen, C. K., Bouillon, N., Frohrer, F., Rossi-Doria, M., Scharff, M., Seymour, K., Vicente-Escuder, Á. , Yusà-Marco, D. J. & Vicente-Palomino, S., 2023, *Conserving Canvas.* The Getty Conservation Institute, s. 387-395 51

Mehra's Eight Requirements for Linings, Revisited: Evaluation of Linings for Canvas Paintings—Then and Now
Andersen, C. K., 2023, *Conserving Canvas.* Schwarz, C., McClure, I. & Coddington, J. (red.). The Getty Conservation Institute, s. 167-174 8 s. 21

Nanomechanics of linen canvases treated with novel nanocellulose-based materials
Madsen, I. H., Odlyha, M., Andersen, C. K., Bridarolli, A., Corte-León, H. & Bozec, L., 2023. 9 s.

Selecting, modifying, and evaluating of water-based methods for the removal of dammar varnish from oil paint
Husby, L. M., Andersen, C. K., Pedersen, N. B. & Ormsby, B., 2023, I: Meddelelser om Konservering. 2023, s. 51-65 15 s.

Shrinkage and mechanical properties of drying oil paints
Arkadiusz, J., Mecklenburg, M., Fuster-López, L., Kozłowski, R., Kékicheff, P., Favier, D., Andersen, C. K., Scharff, M. & Bratasz, L., 3 nov. 2022, I: Heritage Science. 10, 10 s., 181.

Mechanical properties and moisture-related dimensional change of canvas paintings – canvas and glue sizing
Arkadiusz, J., Fuster-López, L., Andersen, C. K., Vicente-Escuder, Á., Kozłowski, R., Poznańska, K., Gajda, A., Scharff, M. & Bratasz, L., 10 okt. 2022, I: Heritage Science. 10, 160, 10 s., 160.

An Epidemiological Approach to the Study and Classification of Cracks in Oil Paintings on Canvas: A Proposal to Validate Parameters Influencing their Formation and Propagation
García Castillo, A. M., Andersen, C. K., Scharff, M., López, M. M., Perles, A. & Fuster-López, L., 5 sep. 2022.

Numerical modelling of mechanical degradation of canvas paintings under dessication
Lee, D. S-H., Kim, N., Scharff, M., Nielsen, A. V., Mecklenburg, M. F., Fuster-López, L., Bratasz, L. & Andersen, C. K., aug. 2022, I: Heritage Science. 10, 13 s., 130.

Canvas-related micro-cracks in Danish 19th century paintings
Scharff, M., Andersen, C. K. & Filtenborg, T., 19 maj 2021. 7 s.

A pilot study of solvent-based cleaning of yellow ochre oil paint: effect on mechanical properties
Freeman, A., Lee, J., Andersen, C. K., Fujisawa, N., Lukomski, M. & Ormsby, B., 4 mar. 2021, I: Heritage Science. 9, 1, s. 1-11 28.

Picasso's 1917 paint materials and their influence on the condition of four paintings
Fuster-López, L., Izzo, F., Andersen, C. K., Murray, A., Vila, A., Picollo, M., Stefani, L., Jimenez, R. & Aguado-Guardiola, E., 5 dec. 2020, I: Applied Sciences. 2, 14 s., 2159.

Back protection of canvas paintings
Padfield, T., Padfield, N., Lee, D. S-H., Thøgersen, A., Nielsen, A. V., Andersen, C. K. & Scharff, M., 1 okt. 2020, I: Heritage Science. 8, 96, 96.

CollectionCare: an affordable service for the preventive conservation monitoring of single cultural artefacts during display, storage, handling and transport
Perles, A., Fuster-López, L., García-Diego, F. J., Peiró-Vitoria, A., García-Castillo, A. M., Andersen, C. K., Bosco, E., Mavrikas, E. & Pariente, T., 2020, I: IOP Conference Series: Materials Science and Engineering. 949, 012026.

Mechanical and Moisture Sorption Properties of Commercial Artists' Oil Paint by Dynamic Mechanical Thermal Analysis (DMA), Nanoindentation, and Dynamic Vapour Sorption (DVS)
Andersen, C. K., Freeman, A., Mortensen, M. N., Beltran, V., Lukomski, M. & Phenix, A., 2020, *Conservation of Modern Oil Paintings.* Jan van den Berg, K., Bonaduce, I., Burnstock, A., Ornsby, B., Scharff, M., Carlyle, L. & Keun, K. (red.). Springer, s. 403-418 16 s.

Picasso 1917: An Insight into the Effects of Ground and Canvas in the Failure Mechanisms in Four Artworks
Vila, A., Murray, A., Andersen, C. K., Izzo, F., Fuster-López, L., Aguado, E., Jimenez, R. & Scharff, A. B., 2020, *Conservation of Modern Oil Paintings.* van den Berg, K. J., Bonaduce, I., Burnstock, A., Ornsby, B., Scharff, M., Carlyle, L. & Keun, K. (red.). Springer, s. 245-253

Insight into canvas paintings' stability and the influence of structural conservation treatments
Andersen, C. K. & Fuster-López, L., 10 dec. 2019, *The Mechanics of Art Materials and its Future in Heritage Science.* Rogala, D., DePriest, P., Charola, E. & Koestler, R. (red.). Washington DC: Smithsonian Institution Scholarly Press, Bind 10. s. 13-20 8 s. (Smithsonian Contributions to Museum Conservation).

Distorted oil paintings and wax-resin impregnation: A kinetic study of moisture sorption and tension in canvas
Gregers-Høegh, C., Mortensen, M. N., Christensen, M. E. & Andersen, C. K., 25 jun. 2019, I: Journal of Cultural Heritage. 40, November–December 2019, s. 43-48 6 s., https://doi.org/10.1016/j.culher.2019.05.017.

Konservatorer: Den danske kulturarv er ved at rådne op
Bastholm, C. J. & Andersen, C. K., 9 maj 2019, I: Politiken.

Bulging in wax-resin impregnated canvas paintings: Review and cases
Andersen, C. K., Slottved Kimbriel, C., Mortensen, M. N., Gregers-Høegh, C. & Christensen, M., maj 2019, *Interactions of Water with Paintings.* Clarricoates, R., Dowding, H. & Wright, A. (red.). London: Archetype Publications, 11 s.

Con permiso de Picasso. Aproximación a los mecanismos de degradación en pintura moderna
Fuster-López, L., Jiménez De Garnica, R., Vila, A., Izzo, F., Aguado, E., Andrés, J. C. V., Escuder, Á. V., Andersen, C. K. , Murray, A. & Picollo, M., feb. 2019, *Conservación de Arte Contemporáneo : Departamento de Conservatión-Restoración.* Madrid, Bind 19. s. 71-82 12 s.

Bridging Conservation Practice and Science: A Study on Encapsulation Theory and Knowledge Transfer in the Education of Conservators
Andersen, C. K., Knuth Federspiel, B. & Clemmensen, P., 10 dec. 2018, I: Meddelelser om Konservering. 2018, s. 5-11 7 s.

Physical Properties of Modern Artists' Oil Paints: Recent CMOP progress at the Getty Conservation Institute and CATS
Andersen, C. K., Freeman, A., Łukomski, M. & Phenix, A., 11 okt. 2017

Characterisation of preparation layers in nine Danish Golden Age canvas paintings by SEM–EDX, FTIR and GC–MS
Andersen, C. K., Bonaduce, I., Andreotti, A., van Lanschot, J. & Vila, A., 16 aug. 2017, I: Heritage Science. 5:34, 12 s., 5:34.

Glue-paste linings: An evaluation of some biological, chemical and mechanical aspects of a traditional technique
Fuster-López, L., Andersen, C. K., Bouillon, N., Frohrer, F., Rossi-Doria, M., Scharff, M., Seymour, K., Vicente-Escuder, Á. , Vicente-Palomino, S. & Yusà-Marco, D. J., aug. 2017. 11 s.

Canvas supports and grounds in paintings by C.W. Eckersberg
Filtenborg, T. & Andersen, C. K., 2017.

Research as an integral part of conservation-restoration education
Andersen, C. K. & Larsen, R., 2017, I: CeROArt. European Network for Conservation-Restoration - Symposium 15-16 April 2016- Edited by Rupert Featherstone and Nico Broers

Zinc, Paint loss and Harmony in blue: Degradation problems in Peder Severin Krøyer's paintings and the possible role of zinc white
Andersen, C. K., Taube, M., Vila, A. & Baadsgaard, E., 10 okt. 2016, I: Perspective. 16 s.

With the best intentions: Changed response to relative humidity in wax-resin lined early 19th century canvas paintings
Krarup Andersen, C., Scharff, M., Wadum, J. & Mecklenburg, M., 15 sep. 2014. 9 s.

Understanding structural conservation through materials science: strategies and didactics
Fuster-López, L. & Krarup Andersen, C., 2014, I: CeROArt. Teaching Conservation-Restoration

Konservatorer med ph.d. Lined canvas paintings, Mechanical properties and structural response to fluctuating relative humidity
Krarup Andersen, C., dec. 2013, I: NKF Bulletin. 89/2013, s. 10 1 s.

Lining on the Stretcher: Glue paste lining techniques in 19th century Denmark
Monaghan, M., Krarup Andersen, C., Scharff, M. & Lauridsen, C. H. B., 13 maj 2013. 1 s.

Lined canvas paintings: Mechanical properties and structural response to fluctuating relative humidity, exemplified by the collection of Danish Golden Age paintings at Statens Museum for Kunst (SMK)
Krarup Andersen, C., 2013, 145 s.

Dublerede danske Guldaldermalerier: En kortlægning af dubleringens effekt på maleriernes fugtfølsomhed
Krarup Andersen, C., 2012, I: Nordisk Museologi. 1, s. 89-91 3 s.

Lining, relining and the concept of univocity
Krarup Andersen, C., 2012, I: E - Conservation Magazine. 23, March, s. 47-56 10 s.

Lining with a fixed interleaf: a case study in the structural effects of paper interleaf and adhesives
Krarup Andersen, C. & Nielsen, I., 2012, *Adhesives and consolidants in painting conservation*. Barros D'Sa, A., Bones, L., Clarricoates, R. & Gent, A. (red.). London: Archetype Publications, s. 32-43 12 s.

Ildløs i Herstedøster : restaureringsarbejde efter en kirkebrand
Krarup Andersen, C., Plathe, S. F. & Trampedach, K., 2010, I: Denmark. Nationalmuseet. Nationalmuseets Arbejdsmark. s. 174-191 17 s.

The industrialisation of canvas production in Denmark and its implications for the preservation of Danish nineteenth century paintings
Krarup Andersen, C., Filtenborg, T., Scharff, M. & Scharff, A. B., 2009, *Incredible Industri: Preserving the evidence of industrial society: Conference Proceedings, May 2009, Denmark*. Nordisk Konservator Forbund, s. 39-49 11 s.

Observations on dimensional changes of sized canvas based on glue temperature
Krarup Andersen, C., 22 sep. 2008. 1 s.