

Curriculum Vitae: Cecil Krarup Andersen, Associate Professor and Fellow of IIC

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EDUCATION

March 2023	Research Management, Copenhagen Business School
June 2016	Higher Education Teaching, Copenhagen University
May 2013	PhD in Conservation from The Royal Danish Academy, Architecture, Design and Conservation: <i>"Lined canvas paintings"</i> . Supervisors: Beate K Federspiel, Mikkel Scharff, Jørgen Wadum og Marion F. Mecklenburg
May 2005	Master in Conservation from The Royal Danish Academy of Art, Architecture, Design and Conservation
June 2001	Bachelor in Conservation from The School of Conservation, Copenhagen

CURRENT- AND MOST RECENT EMPLOYMENTS

2017 -	Associate professor and Head of paintings conservation (2017-2025) at The Royal Danish Academy, Architecture, Design and Conservation
2014 – 2017	Assistant professor at The Royal Danish Academy
2013 – 2014	Paintings Conservator at The National Gallery of Denmark, SMK
2001 – 2010	Paintings conservator at the National Museum of Denmark, The National Gallery of Denmark (SMK), and other museums and private practices.

SUPERVISION OF STUDENTS AND POSTDOCS

2014-2026 1 Postdoc / 4 PhD / 19 Master Students The Royal Academy. Co-supervision: 2 master students: Ca Foscari University, Venice, 1 PhD student at the Polytechnical University of Valencia, Spain.

RESEARCH PROJECTS (H-Index: 10)

- 2025-2030 Care2Share (coordinator of research) Funded by the Augustinus Foundation.
- 2024 – 2028 SPAM: Structure of Paintings: Artists' materials, Environment and Failure Mechanisms. funded by the Spanish Research Council
- 2024 – 2027 CRACK: Material Characterisation and Crack Formation in Angelada Camarasa's Paintings on Canvas. Funded by the region of Valencia
- 2019 – 2022: Horizon2020 innovation project CollectionCare Funded by EU
- 2020-2023 MIMO (Ion Migration in Oil Paints) -funded by the Spanish Research Council
- 2017 – 2020 CMOP Clearing of Modern Oil Paints, Funded by EU
- Proyecto Investigación I+D+I Lining Project -funded by the Spanish Research Council
- 2018-2020: The effect of back protection of paintings
- 2016: Co-coordinator of International Networking Programme. Easel paintings: the study of their structure and behaviour. The Royal Danish Academy and Smithsonian Institution, USA (symposium plus a one-day course in the mechanics of paintings in Washington DC, USA). Funded by DFF
- 2014-2016: Degradation in P.S. Krøyer paintings. Funded by KADK

RESEARCH MANAGEMENT (examples)

- Coordinator of research in Care2Share -Institute of Conservation
- Coordinator of Cluster for Resilient Heritage Conservation at the Royal Danish Academy formed in 2022 by researchers at the Academy.
- 2017 – 2025: Head of the paintings programme at the Institute for Conservation, The Royal Danish Academy
- 2017-2021 Co-coordinator of "ICOM-CC working group for Paintings" under UNESCO
- 2014-17 Co-coordinator of "ICOM-CC working group for Education and Training" under UNESCO

SELECTED PUBLICATIONS

Frasca, F., Elena, V., Bosco, E., Kuka, E., Lee, D.S.-H., Andersen, C. K., Bertolin, C. & Siani, A. M., **Assessing microclimate thresholds for heritage preventive conservation to achieve sustainable and energy efficiency goals in a changing climate**. 2024, In: Scientific Reports. 14, 18707.

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

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

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

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

Scharff, M., Andersen, C. K. & Filtenborg, T., **Canvas-related micro-cracks in Danish 19th century paintings**, 2021. Peer reviewed preprints from ICOM-CC conference Beijing, 2021

Andersen, C. K., Freeman, A., Mortensen, M. N., Beltran, V., Lukomski, M. & Phenix, A., 2020, **Mechanical and Moisture Sorption Properties of Commercial Artists' Oil Paint by Dynamic Mechanical Thermal Analysis (DMA), Nanoindentation, and Dynamic Vapour Sorption (DVS)** in Conservation of Modern Oil Paintings. Jan van den Berg, K. et al (red.). Springer, s. 403-418

Andersen, C. K., Slottved Kimbriel, C., Mortensen, M. N., Gregers-Høegh, C. & Christensen, M., **Bulging in wax-resin impregnated canvas paintings: Review and cases** 2019, in peer reviewed proceedings *Interactions of Water with Paintings*. London: Archetype Publications, 11 s.

Gregers-Høegh, C., Mortensen, M. N., Christensen, M. E. & Andersen, C. K.: **Distorted oil paintings and wax-resin impregnation: A kinetic study of moisture sorption and tension in canvas**, In: Journal of Cultural Heritage. 40, 2019, s. 43-48

Andersen, C. K. & Fuster-López, L. **Insight into canvas paintings' stability and the influence of structural conservation treatments**, 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).

Andersen CK, Taube M, Vila A, Baadsgaard E. **'Zinc, Paint loss and Harmony in blue. Degradation problems in Peder Severin Krøyer's paintings and the possible role of zinc white'**. Journal: Perspective (<https://www.smk.dk/article/perspective/>). 2016.