

**Daniela Korolija Crkvenjakov** is a senior conservator and full professor of conservation at the Academy of Arts, University of Novi Sad, Serbia, and a visiting professor at the Faculty of Fine Arts, University of Montenegro. She holds an MSc in Engineering, a BA in Art Conservation, and a PhD in Multidisciplinary Sciences (History and Philosophy of Natural Sciences and Technology), which she obtained from the University of Belgrade in 2012.

Before joining the University of Novi Sad, she worked as a practicing museum conservator specializing in painting conservation. She served as Head of the Conservation Department at the Gallery of Matica Srpska, a national fine art museum in Serbia. She has been involved in numerous national and regional projects, resulting in exhibitions accompanied by monographic publications. She has also participated in various professional training programs through Erasmus, the IAEA, ICCROM, and other international networks, and has organized conferences and delivered lectures in Serbia. From 2016 to 2019, she served on the Europa Nostra Awards Jury (Conservation Category).

Her extensive experience in conservation and restoration informs her in-depth understanding of the deterioration processes of art materials. As a member of multidisciplinary research teams, she contributes to the interpretation of experimental data related to cultural heritage from the perspectives of art technology, art history, and conservation science.

She is the author and co-author of several books, book chapters, and numerous peer-reviewed scientific papers.

#### Selected bibliography:

1. Vrbaški, S.; Gajic-Kvascev, M.; Korolija Crkvenjakov, D.; Nikolić, O.; Spasić, A.; Molnar, U.; Klisurić, O. R. (2025). Dual-energy computed tomography for non-destructive characterization of pigments in cultural heritage. *Journal of Cultural Heritage* 2025, Volume 73, pp 19-27, ISSN 1296-2074. <https://doi.org/10.1016/j.culher.2025.02.006>.  
(<https://www.sciencedirect.com/science/article/pii/S1296207425000172>)
2. Gajić-Kvaščev, M.; Klisurić, O.; Andrić, V.; Ridolfi, S.; Nikolić, O.; Pavlović, V.; Korolija Crkvenjakov, D. (2024). Anatomy of the Painting: The Study of the Serbian Orthodox Icon from the Turn of the Seventeenth to the Eighteenth Century. *Coatings* 2024, 14, 854. <https://doi.org/10.3390/coatings14070854>
3. Gajić-Kvaščev, M., Klisurić, O., Andrić, V., Ridolfi, S., Galečić, U., Korolija Crkvenjakov, D. (2023). Multianalytical Study of the Blue Pigments Usage in Serbian Iconography at the Beginning of the 18th-Century. *Coatings* 2023, 13, 1200. <https://doi.org/10.3390/coatings13071200>. <https://www.mdpi.com/2079-6412/13/7/1200/pdf>.
4. Korolija Crkvenjakov, D. (2023). *Re-conservation. Old and New Conservation Practices at the Gallery of Matica Srpska 2000-2022*. (in Serbian). Novi Sad: The Gallery of Matica Srpska. ISBN 978-86-90706-92-4.
5. Korolija Crkvenjakov, D. (2022). Image processing and the analysis of paintings – the case of Serbian Baroque icons. *IEEE BITS the Information Theory Magazine*, vol. 2, no. 1, pp. 122-123, 1 Oct. 2022, DOI 10.1109/MBITS.2022.3187947.
6. Korolija Crkvenjakov, D. (2022), MIND THE GAP! Chemistry in the curriculum of conservation-restoration study program - the experience of the Academy of Arts Novi Sad, in (Vuković, Jasna ed.) *STEM in Heritage: Procedures, Methods, and Teaching*, Belgrade: University of Belgrade – Faculty of Philosophy, 65-70. ISBN 978-86-6427-254-4. <https://www.heristem.edu.rs/wp-content/uploads/2020/08/STEM-in-heritage-knjiga.pdf>
7. Korolija Crkvenjakov, D. (2022). Imaging methods in conservation practice and scientific research - from basic applications to innovative multidisciplinary studies. In: *ICONS -Through the Lens – The Role of Diagnostics in Art Conservation*, National Museum Conservation and Storage Centre (OMRRK)– Museum of Fine Arts, Budapest, May 19-20, 2022. <https://www.mfab.hu/icons-2022/>
8. Korolija Crkvenjakov, D, Gajić-Kvaščev, M., Ganetsos T. & and Andrić V. (2022). Identification of blue pigments in 18<sup>th</sup> century paintings from the collection of the Gallery of Matica srpska, Serbia. In: ICAS-EMME 3 (Book of Abstracts of the Third International Congress on Archeological Sciences in the Eastern Mediterranean and the Middle East, Nicosia, Cyprus, 14/18. March 2022). Nicosia: The Cyprus Institute, 144. [https://icasemme.cyi.ac.cy/images/Registration/ICAS-EMME\\_3\\_Book\\_of\\_Abstracts.pdf](https://icasemme.cyi.ac.cy/images/Registration/ICAS-EMME_3_Book_of_Abstracts.pdf)
9. Andrić, V., Gajić Kvaščev, M., Korolija Crkvenjakov, D., Marić Stojanović, M. & Gadžurić, S. (2021). Evaluation of pattern recognition techniques for the attribution of cultural heritage objects based on the qualitative XRF data. *Microchemical Journal*, Volume 167, August 2021, 106267.
10. Korolija Crkvenjakov, D.; Gadžurić, S. (2020). *Cleaning of paintings and other polychrome surfaces*. (in Serbian). Novi Sad: The Gallery of Matica Srpska. ISBN 978-86-80706-38-2.