

Institute of Archaeology of the Russian Academy of Sciences  
Novgorod State United Museum-Reserve  
State Vladimir-Suzdal Historical, Architectural and Art Museum-Reserve



International Research Conference

**Architectural Archaeology:  
the Material World of Ancient Monuments**

April 25–27, 2023

**Conference Program**

**25 April 2023, Tuesday**  
**Registration 9:30–10:00**  
**Morning session 10:00**

**Welcome address**

*Vdovichenko Marina Viktorovna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Giunlia-Mair Alessandra (AGM Archeoanalisi, Merano, Italy; Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Sedov Vladimir Valentinovich, Etingof Olga Evgen'evna, Zubavichus Evgenii Ianovich, Prorokova Evgeniia Nikolaevna, Fomichiova Iuliia Sergeevna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**The preliminary results of a comprehensive study on the frescoes obtained from the St. George's Cathedral excavations in Yuriev Monastery, Novgorod.**

*Etingof Olga Evgen'evna (Research Institute of Theory and History of Fine Arts of the Russian Academy of Arts; Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Techniques of carnation in frescoes on the naos of St. George's Cathedral of the Yuriev Monastery**

*Giunlia-Mair Alessandra (AGM Archeoanalisi, Merano, Italy; Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Byzantine pigments in comparison: Novgorod and Aquileia**

**Coffee-break**

*Gippius Aleksei Alekseevich (Higher School of Economics; Institute of Slavonic Studies of the Russian Academy of Sciences, Moscow, Russia), Shchegol'kova Elizaveta Iur'evna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Graffiti inscriptions on the frescoes of St. George's Cathedral at Yuriev Monastery: findings and implications**

*Okulov Alexei Viacheslavovich (Central Research Institute of Geological Prospecting for Base and Precious Metals, Moscow, Russia)*

**On lapis lazuli in Medieval Rus'**

*Varenik Kirill Aleksandrovich, Varenik Aleksandr Stanislavovich (Yaroslav-the-Wise Novgorod State University, Veliky Novgorod, Russia)*

**Creation of a digital information model of St. George's Cathedral in Yuriev Monastery**

*Tarasenko Anna Borisovna (St. Petersburg Mining University, St. Petersburg, Russia), Antipov Il'ia Vladimirovich (St. Petersburg State University, St. Petersburg, Russia), Antonov Andrei Aleksandrovich (A. P. Karpinsky Russian Geological Research Institute, St. Petersburg, Russia), Iolshin Denis Dmitrievich (The State Hermitage Museum, St. Petersburg, Russia), Savchenok Anton Il'ich (Committee for the State Inspection and Protection of Historic and Cultural Monuments, St. Petersburg, Russia).*

**Building stone in the monumental architecture of Veliky Novgorod, XI–XV c.: identification of extraction sites**

**Lunch 13:00–14:00**

**Evening Session 14:00**

*Balakhnina Irina Aleksandrovna, Kochetkov Mikhail Ivanovich (Lomonosov Moscow State University, Moscow, Russia), Kononova Elena Mikhailovna, Anisimova Tamara Ivanovna (Centre for Restoration of Monumental Art at Novgorod State United Museum-Reserve, Veliky Novgorod, Russia), Chikishev Andrei Iur'evich, Brandt Nikolai Nikolaevich (Lomonosov Moscow State University, Moscow, Russia)*

**Analysis of pigments used in Medieval Rus' wall-paintings of the 12<sup>th</sup> c.: a study of fragments from two churches in Veliky Novgorod**

*Tereshchenko Elena Iur'evna, Loboda Anastasiia Iur'evna, Trun'kin Igor' Nikolaevich, Svetogorov Roman Dmitrievich, Kulikova Elizaveta Sergeevna, Kuz'mina Ekaterina Andreevna, Pozhidaev Viktor Mikhailovich, Malakhov Sergei Nikolaevich (National Research Centre "Kurchatov Institute", Moscow, Russia), Zubavichus Evgenii Ianovich, Vdovichenko Marina Viktorovna, Sedov Vladimir Valentinovich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Khairedinova El'zara Aiderovna (Institute of Archaeology of Crimea of the Russian Academy of Sciences, Simferopol, Russia), Aibabin Aleksandr Il'ich (Research Centre of History and Archaeology of Crimea at the V. I. Vernadsky Crimean Federal University, Simferopol, Russia), Iatsishina Ekaterina Borisovna (National Research Centre "Kurchatov Institute", Moscow, Russia)*

**Complex analysis of the paint layer of frescoes – identification of pigments and binders**

*Popović Bojan (National Museum of Serbia, Belgrade, Serbia)*

**Fragments of frescoes from Mileševa Monastery**

*Marić-Stojanović Milica (National Museum of Serbia, Belgrade, Serbia), Bajuk-Bogdanović Danica, Holclajtner-Antunović Ivanka (Faculty of Physical chemistry, University of Belgrade, Serbia), Zečević Emina, Popović Bojan (National Museum of Serbia, Belgrade, Serbia)*

**12–14<sup>th</sup> c. fresco fragments from archaeological excavations in Serbia**

*Zimmermann Thomas (Bilkent University, Ankara, Turkey)*

**Tales of evaluation and devaluation – spectrographic analysis of medieval metalwork from Kinet Höyük (İskenderun, Turkey)**

**Coffee-break**

*Andrienko Aleksei Vladimirovich (Novgorod State United Museum-Reserve, Veliky Novgorod, Russia), Kudriavtsev Andrei Alekseevich, Sedov Vladimir Valentinovich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**A study on the richly ornamented stirrup from the Nerevskiy end of Novgorod: natural science research findings**

*Gliozzo Elisabetta (University of Bari, Bari, Italy), Giannetti Francesca, Turchiano Maria (University of Foggia, Foggia, Italy), Ferri Margherita (Ca' Foscari University of Venezia, Venezia, Italy)*

**Medieval cobalt blue glass: production technology and trade**

*Mahdavi-pour Babaki Mahboube, Emami Mohammadamin (Art University of Isfahan, Department of Conservation of Cultural Properties & Archaeometry, Isfahan, Iran)*

**New insight into a medieval glass workshop in the ancient site of Madabad, Fars province, Iran. An analytical approach**

*Iolshin Denis Dmitrievich (The State Hermitage Museum, St. Petersburg, Russia), Aseev Vladimir Anatol'evich (National Research ITMO University, St. Petersburg, Russia), Prokuratov Denis Sergeevich (The State Hermitage Museum, St. Petersburg, Russia), Mironov Leonid Iur'evich, Leonidova Aleksandra Aleksandrovna (National Research ITMO University, St. Petersburg, Russia), Ivanova Tat'iana Ivanovna (Research and Production Enterprise "Burevestnik", St. Petersburg, Russia), Nikonorov Nikolai Valentinovich, Smolianskaya Ol'ga Alekseevna (National Research ITMO University, St. Petersburg, Russia)*

**A comprehensive analysis of glazed ceramic tiles from Medieval Rus'**

*Namsaraev Zorigto Bairovich, Rudenko Anastasiia Pavlovna, Komova Anastasiia Viktorovna, Loboda Anastasiia Iur'evna, Mandrykina Anastasiia Viktorovna, Krashennikov Sergei Vladimirovich, Sharikov Roman Viktorovich, Melnikova Anna Aleksandrovna, Gur'eva Polina Viktorovna, Kovalenko Ekaterina Sergeevna (National Research Centre "Kurchatov Institute", Moscow, Russia), Khairedinova El'zara Aiderovna (Institute of Archaeology of Crimea of the Russian Academy of Sciences, Simferopol, Russia), Tereshchenko Elena Iur'evna (National Research Centre "Kurchatov Institute", Moscow, Russia), Aibabin Aleksandr Il'ich (Institute of Archaeology of Crimea of the Russian Academy of Sciences, Simferopol, Russia), Iatsishina Ekaterina Borisovna (National Research Centre "Kurchatov Institute", Moscow, Russia)*

**The use of microorganisms to enhance the strength of limestone in medieval town ruins on the Eski-Kermen Plateau**

*Rodinkova Vlasta Evgen'evna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Bronnikova Mariia Artemovna (Institute of Geography of the Russian Academy of Sciences, Moscow, Russia), Zubavicius Evgenii Ianovich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Production complex featuring a lime-burning furnace within the Volyntsevo level at Kurilovka 2 settlement**

**Concert: 18:00–19:00**

**Dinner**

**26 April 2023, Wednesday**

**Morning Session 10:00**

*Török Béla (University of Miskolc, Miskolc, Hungary), Márk Zsófia (Pázmány Péter Catholic University, Budapest, Hungary)*

**Examinations of the medieval wall paintings in the Crac des Chevaliers (Syria)**

*Aibabin Aleksandr Il'ich (Research Centre of History and Archaeology of Crimea at the V. I. Vernadsky Crimean Federal University, Simferopol, Russia), Khairedinova El'zara Aiderovna (Institute of Archaeology of Crimea of the Russian Academy of Sciences, Simferopol, Russia)*

**Revisiting the topography of a medieval town on the Eski-Kermen Plateau in South-Western Crimea**

*Maiko Vadim Vladislavovich (Institute of Archaeology of Crimea of the Russian Academy of Sciences, Simferopol, Russia)*

**The use of previous structures in the development of Taurica's cities in the second half of the 10<sup>th</sup> – 12<sup>th</sup> c.: architectural and technological aspects**

*Vinogradov Andrei Iur'evich (Higher School of Economics, Moscow, Russia), Fr. Zheltov Mikhail Sergeevich (Moscow Theological Academy, Moscow, Russia)*

**The synton in the Medieval Rus' church: between archaeology and liturgics**

**Coffee-break**

*Major Balázs (Institute of Archaeological Sciences, Pázmány Péter Catholic University, Budapest, Hungary)*

**Form and function in the Hospitaller fortifications of Syria**

*Salmin Sergei Anatol'evich, Salmina Elena Viacheslavovna (Archaeological Centre of Pskov Region, Pskov, Russia)*

**Fortifications of Pskov from the 11<sup>th</sup> to 14<sup>th</sup> c.: data from rescue excavations of the 2010s**

*Sedov Vladimir Valentinovich, Kudriavtsev Andrei Alekseevich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Makarova Valeria Pavlovna (Institute for the History of Material Culture of the Russian Academy of Sciences, St. Petersburg, Russia), Ushankov Evgenii Mikhailovich, Ivanovskaia Ekaterina Gennad'evna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Archaeological evidence of an early building of the 11<sup>th</sup> c. predating the Sts Boris and Gleb Church in Detinets, Novgorod**

*Kovalenko Ol'ga Nikolaevna (Novgorod Scientific Restoration Department, Veliky Novgorod, Russia)*

**Church of St. Andrew Stratelates in the Novgorod Kremlin: a link with the Sts Boris and Gleb Church of the 12<sup>th</sup> c.**

**Coffee-break**

*Rodionova Marina Anatol'evna (Novgorod State United Museum-Reserve, Veliky Novgorod, Russia)*

**New architectural and archaeological research on Yaroslav's Court in Veliky Novgorod**

*Beliaev Leonid Andreevich, Grigorian Svetlana Bagratovna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia), Evdokimov Georgii Stanislavovich (Central Scientific and Restoration Design Studios, Moscow, Russia), Frolov Victor Sergeevich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

**Archaeology on the Dormition cathedrals in the Moscow Kremlin: historiography and results of works 2022–2023**

*Iakovlev Dmitrii Evgen'evich (Central Scientific and Restoration Design Studios, Moscow, Russia)*

**The Church of Elijah the Prophet on Slavna (1456) in Veliky Novgorod: new research findings from 2016–2019**

**Lunch 14:00–15:30**

**Excursion. Meeting at 15:30**

**27 April 2023, Thursday**

**Morning session 10:00**

*Skobtsova Dar'ia Aleksandrovna (Interregional Scientific and Restoration Art Administration, Moscow, Russia)*

**Exterior painting of the drum of the Transfiguration Church of the Euphrosyne Monastery**

*Peichev Dmitrii Gennad'evich, Shalina Irina Aleksandrovna (State Russian Museum, St. Petersburg, Russia)*

**The Novgorod Icon of Our Lady of Tenderness (Starorusskaya): artistic, technological, and archaeological aspects**

*Anisimova Tamara Ivanovna (Novgorod State United Museum-Reserve, Veliky Novgorod, Russia)*

**Techniques for cutting out, restoration, and transportation of fragments of paintings from archaeological sites**

*Trudnikova Elena Viktorovna (Novgorod State United Museum-Reserve, Veliky Novgorod, Russia)*

**Restoration of the 12<sup>th</sup> c. painting in the Church of the Annunciation in Gorodishche: 2017–2023  
Results**

**Coffee-break**

*Mel'nikova Irina Aleksandrovna (Pskov State United Historical, Architectural and Art Museum-Reserve, Pskov, Russia)*

**The collection of monumental painting fragments from archaeological exploring shafts in the Church of the Dormition in the village of Meletovo**

*Galkina Ol'ga Miroslavovna, Aniskina Ol'ga Vladimirovna (Novgorod State United Museum-Reserve, Veliky Novgorod, Russia)*

**Restoration of the ruined painting in the western narthex of the Transfiguration Church on Kovalev (1380): progress report on works conducted from 2020 to 2023**



*Voronkova Elena Vladimirovna, Kruglova Taisiia Viktorovna (Pskov State United Historical, Architectural and Art Museum-Reserve, Pskov, Russia)*

**The history of acquisition of the fresco paintings at the Pskov Museum-Reserve**

*El'pantiforova Anna Nikolaevna, Fedorenko Tat'iana Konstantinovna (Pskov State United Historical, Architectural and Art Museum-Reserve, Pskov, Russia)*

**Fragments of the wall paintings of the town of Dovmont from the excavations led by S. A. Tarakanova (1945) and G. P. Grozdilov (1959)**

*Grigor'ieva Ol'ga Vladimirovna (Institute for the History of Material Culture of the Russian Academy of Sciences, St. Petersburg, Russia)*

**“Wishing to work in the field of scientific research of Russian architecture”: L. M. Shulyak's achievements at the Academy for the History of Material Culture (1920–1931)**

**Lunch 13:30–14:30**

**Evening session 14:30**

*Gerov Georgi Petrov (Yaroslav-the-Wise Novgorod State University, Veliky Novgorod; State Institute of Art Studies, Moscow, Russia)*

**Paintings of choruses in the Balkan triconchos**

*Alekseev Ivan Antonovich (“Museums-Cathedrals” of Moscow Kremlin Museums, Moscow, Russia)*

**The murals of the chapel above the southern altar of the Church of Saint Sophia in Ohrid: exploring the question of the simultaneous creation of the ensemble**

*Ankudinov Igor' Iur'evich (Veliky Novgorod, Russia)*

**A newly discovered document shedding light on the early history of the Kovalev Monastery in Novgorod**

*Shestakova Anna Anatol'evna (Tver Regional Branch of the "Union of Artists of Russia", Tver, Russia)*

**Fragments of St. Nicholas' Cathedral of St. Anthony's Monastery: recovering the lost pictorial ensemble through archaeological research**

**Coffee break**

*Ratomskaia Iuliia Vladimirovna (A.V. Shchusev State Research Museum of Architecture, Moscow, Russia)*

**Fragment of the painting from the Holy Trinity St. Macarius Monastery in Kalyazin with the image of Heavenly Jerusalem from the Shchusev Museum of Architecture: iconographic features**

*Buryi Vladimir Prokof'evich, Borisova Natal'ia Leonidovna (S. G. Stroganov Russian State University of Arts and Industry, Moscow, Russia)*

**Research and restoration of 17<sup>th</sup> c. wall-paintings from the Holy Trinity Cathedral in the St. Macarius Monastery (Kalyazin) at the Department of Restoration of Monumental and Decorative Painting at Stroganov Russian State University of Arts and Industry**

*Parmuzina Irina Sergeevna (Archive of the Russian Academy of Sciences, Moscow, Russia), Medvedeva Mariia Vladimirovna (Institute for the History of Material Culture of the Russian Academy of Sciences, St. Petersburg, Russia)*

**The Imperial Archaeological Commission's role in the restoration of iconostases in the Moscow Kremlin court cathedrals: the Cathedral of the Savior on Bor**

**Discussion**

## Poster presentations

*Zubavichus Evgenii Ianovich (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

### **Wall painting renovation in the St. George's Cathedral at Yuriev Monastery before 1825**

*Kovaleva Kseniia Sergeevna (Institute of Archaeology of the Russian Academy of Sciences, Moscow, Russia)*

### **Chemical composition and potential entry routes of non-ferrous metals from the Golden Horde cities**

*Leonidova Aleksandra Aleksandrovna, Aseev Vladimir Anatol'evich (National Research ITMO University, St.*

*Petersburg, Russia), Prokuratov Denis Sergeevich, Iolshin Denis Dmitrievich (The State Hermitage Museum,*

*St. Petersburg, Russia), Nikonorov Nikolai Valentinovich, Smolianskaya Ol'ga Alekseevna (National Research*

*ITMO University, St. Petersburg, Russia), Makarova Valeria Pavlovna (Institute for the History of Material*

*Culture of the Russian Academy of Sciences, St. Petersburg, Russia)*

### **Utilisation of copper as a colouring agent in the production of smalt and glaze in Medieval Rus'.**

*Kolosov Vladimir Pavlovich (The State Hermitage Museum, St. Petersburg, Russia)*

### **Application of contemporary multivariate statistical techniques to analyse architectural heritage**

*Aseev Vladimir Anatol'evich, Leonidova Aleksandra Aleksandrovna (National Research ITMO University, St.*

*Petersburg, Russia), Prokuratov Denis Sergeevich, Denis Iolshin Dmitrievich (The State Hermitage Museum,*

*St. Petersburg, Russia), Nikonorov Nikolai Valentinovich, Smolianskaya Ol'ga Alekseevna (National Research*

*ITMO University, St. Petersburg, Russia)*

### **An experimental study of glazing techniques employed in the production of Medieval Rus' glazed tiles**

*Iordanskaia Nadezhda Ivanovna (State Historical Museum, Moscow, Russia)*

### **The Novodevichy Convent tile collection: an analysis of the Historical Museum's acquisition**

*Matveev Vasilii Nikolaevich, Frenkel' Iakov Viktorovich (The State Hermitage Museum, St. Petersburg,*

*Russia)*

### **Exploring the complex analysis of glazed ceramic tiles from medieval Galich in Rus'**