# International Scientific and Practical Conference Architecture and Art in Times of Peace and Danger held at Lodz University of Technology Institute of Architecture and UrbanPlanning, Lodz, Poland (TUL)

From oraganizers - Chairman prof. dr.hab. Marek Pabich

November 6, 2024

# **Program**

## **Section 1**

N. Burdeina, V. Glyva, L. Levchenko, G. Krasnianskyi, Y. Biruk, S. Zozulya, L. Zozulya, M. Kashlev, T. Grzelakowski Innovative Approaches to Designing Sound Insulation in Historic Buildings during Reconstruction

Y. Ivashko, O. Ivashko, A. Dmytrenko, M. Krupa, J. Kobylarczyk, D. Kuśnierz-Krupa, K. Paprzyca, M. Krawczyk Accessibility Challenges in Public Spaces for Children with Disabilities in Historic Green Districts of Kyiv and Krakow

Y. Wu, H. Liu, Y. Ding, J. Kobylarczyk, P. Chang
National Identity in Traditional Chinese Architecture and Wall Paintings:
Symbolism, Transformation, and Artistic Evolution

K. Paprzyca, W. Oleś, P. Tišliar, Y. Ivashko, A. Dmytrenko Modern Use of Historical Castles with Underground Premises. Castles in Oświęcim and Špilberk in Brno

K. Wysznacki

Conservation Issues Related to the Avant-Corps of Karol Poznański's Palace in Lodz

Nadolny, M. Kruś

The Architectural Value of 1950's Architecture as Heritage at Risk of Transformation

S. Krzysztofik, K. Racoń-Leja

Analytical and Application Model of Memory Layers in the Historical Centre of Lodz, Poland

E. Kubacka, A. Kotarski, A. Gapiński, J. Pilarski, S. Woźniak, J. Wójcik, Ł. Zychowicz Analysis of Effectiveness of Using 3D Scanners in Preparation of Architectural and Construction Documentation

T. Ladan, I. Novosad, O. Tkachuk

Features of Architectural-Restoration Activities taking into Account the Aspect
of Symbolism

N. Dolińska, G. Wojciechowska, Ł. Bednarz

Integration of AI and IoT Sensors for Continuous Monitoring and Restoration of Cultural Heritage Sites – Determining Critical Factors

### Section 2

D. Logoń, A. Krukowiecka-Brzęczek

The Improvement of the Durability and Frost Resistance of Traditional and Historical Lime Mortars by Means of Surface Impregnation with Liquid Potassium Silicate and Silicic Acid Ester

M. Piechówka-Mielnik, Ł. Bednarz

Influence of Silicate Compounds and their Concentration on the Structural Strengthening of Ceramic Masonry Elements in Historic Buildings

O. Ivashko, M. Pabich, J. Matuszewska, M. Orlenko

Transformation of Exhibition Spaces During the Post-War Restoration of Ukraine's Cultural Heritage Monuments

V. Molochko, J. Borowczyk

Preserving Ukraine's Cultural Heritage: Challenges, Restoration and Inclusivity

A. Nadolny, G. Linhares De Sigueira, K. Słuchocka

Architectural Heritage of the RAF Base on Masirah Island: Exploring its Artistic and Cultural Significance

N. Novoselchuk, L. Shevchenko, O. Troshkina, A. Shevchenko,

O. Skorobohatko

Kharkiv Architectural Heritage in the 19th-20th Centuries Stands in the Period of the Newest Challenges of Modernity

P. Opałka , M. Krupa, Ł.J. Bednarz

Restoration of a Fisherman's Homestead in the Open-Air Museum in Opole

H. Osychenko, V. Yatsenko, O. Tyshkevych, O. Khliupin

**Typology of Historical Ensembles in Cities of Central Ukraine** 

### Section 3

Y. Ivashko, A. Serafin, O. Sleptsov, A. Pawłowska, O. Ivashko Modern Use of the World Heritage Site: Villa Tugendhat In Brno

G. Shevtsova, O. Gorbyk, S. Linda, T. Kashchenko, O. Yezhova, M. Parkhomchuk Restoration Challenges of 18th–20th Century Polish & German Wooden Churches in Western Ukraine

T. Krystkowski

Post-War Attempts to Build a Modern Metropolis and the Problem of Lodz Historical Heritage

A. Urakina, A. Pawlowska, K. Strumiłło, O. Kravchuk

Research of the Specificity of the Kyiv Churches' Volumetric and Spatial Composition as a Basis for Their Restoration

- Y. Wu, H. Liu, S. Wang, A. Pawłowska, P. Chang, D. Yang, J. Magiera **Symbolic and Aesthetic Role of Polychromy in Traditional Architecture and Sacred Art of China**
- P. Tišliar, Y. Ivashko, A. Dmytrenko, V. Zaitseva, Y. Holovatenko, W. Oles, K. Paprzyca
- Preserving Underground Premises Of Architectural Monuments: The Castles of Spilberk In Brno And Oświęcim
- O. Zhytnyk, N. Mezhenna, G. Ushakov, S. Zymina, T. Rusevich Restoration of Historical Buildings with the Formation of Spa-Complexes for Rehabilitation in the Historical Urban Environment
- V. A. Nikolaienko, A. Dmytrenko, V.V. Nikolaienko, M. Kobeliev Peculiarity and Trends in the Formation and Placement of Memorial Complexes in the Post-War Period in Ukraine

# End of conference day

