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CONSERVATION RESEARCHER · HERITAGE PROFESSIONAL

Lecture Offer: Conservation & Cultural Heritage

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SELECTED LECTURES

01 Digital Technologies in Conservation

3D PRINTING · PHOTOGRAMMETRY · MATERIAL COMPATIBILITY

Application of FDM 3D printing, photogrammetry, and 3D scanning in the conservation of sculptural works and architectural heritage. Drawing on original research into the material compatibility of PLA, PETG, ABS, and PMMA filaments with gypsum substrates, the lecture addresses both technical parameters and practical workflows. Case studies from the conservation of plaster casts and decorative architectural elements illustrate the possibilities and limitations of current digital tools in conservation practice.

02 Authenticity Under Question

ETHICS · DIGITAL HERITAGE · CONSERVATION PHILOSOPHY

As digital technologies become embedded in conservation practice, they raise fundamental questions about authenticity, authorship, and the integrity of heritage objects. This lecture explores the ethical frameworks relevant to the use of 3D technologies in conservation, from professional codes of ethics to broader debates in heritage philosophy. Draws on published research and presentation at the 9th TICC International Conference, Bangkok (2025).

03 Digital Repatriation of Colonised Art

ETHICS · INSTITUTIONAL RESPONSIBILITY · SOURCE COMMUNITIES

Ethical and practical dimensions of returning cultural heritage through 3D prints and digital surrogates. This lecture critically examines what digital repatriation can and cannot offer to source communities, and what responsibilities it places on holding institutions. Case studies and institutional perspectives inform the discussion. Based on the speaker's contribution to the 1st STECCI Conference, Vienna (2025).

04 Emergency Preparedness & Risk Management

HERITAGE SITES · RISK ASSESSMENT · PREVENTIVE CONSERVATION

Established frameworks for emergency preparedness in heritage contexts: risk assessment methodologies, disaster response planning, and preventive conservation strategies. Practical examples from heritage site management in Central Europe are used to ground the theoretical frameworks in operational reality.

05 Packing, Transport & Storage of Museum Collections

WORKS OF ART · DEPOT MANAGEMENT · MICROCLIMATE · HANDLING PROTOCOLS

Suitable packing materials and methods for museum objects across a range of materials: stone, plaster, polychrome, wood, and mixed-media works. Covers depot conditions, microclimate considerations, and handling protocols for fragile and sensitive items. Aimed at conservation professionals, collection managers, and heritage site staff.

06 Grant Funding & International Mobility in Conservation

ERASMUS+ · CEEPUS · EYE · APPLICATION STRATEGY

Practical overview of EU mobility and research funding schemes, drawing on the speaker's experience of independently securing and managing eight international grants. Topics include application strategy, host institution agreements, reporting requirements, and coordination of multi-institutional mobilities.

07 Heritage Site Governance & Cultural Programming

MONUMENT MANAGEMENT · COMMUNITY ENGAGEMENT · LIVING HERITAGE

This lecture addresses the operational realities of heritage site management as a creative and civic responsibility. Moving beyond the individual object, it explores the complexity of caring for a monument as a whole: the managerial role, the potential for community engagement, and the ways a heritage site can be made alive, public, and shared. A lecture for those who may one day steward an entire place, not only its parts.

Lectures available in English. Content adaptable to academic and professional audiences.