



List of Accepted Papers and Posters

(YCP = Young Conservation Professional)

Last update: July 5, 2022

Papers

PRESENTING AUTHOR (S)	TITLE
Ahmad N. Abu-Baker (Jordan)	An Analytical Study of the Corrosion Behavior and Microstructural Properties of a Group of Copper Alloy Artifacts from the Khirbet Yajuz Archaeological Site, Jordan
Elyse Canosa (Sweden)	Monitoring of Metal Sculptures and Their Environment in Art Museums in Sweden
Carlota Carvalho (Portugal)	YCP – Preliminary Investigation of the Use of Chitosan-Based Coatings for Outdoor Cultural Heritage Objects
Luana Cuvillier (Switzerland)	Exploiting Biologically Synthetized Chelators in Conservation: Gel-Based Bio-cleaning of Corroded Iron Heritage Objects
Gerhard Eggert (Germany)	Sulfur, the 'Enemy of Copper': Replication of Sulfurous Efflorescence on Copper-Based Heritage Materials with Elemental Sulfur
Erik Farrell (USA)	Testing the Compressive Strength and Reversibility of Consolidants Applied to Marine Archaeological Grey Cast Iron
Maria Gonçalves (Portugal)	YCP – Development of a Sunflower-Oil-Based Bio-lubricant for Use in Gear Models at the ISEP Museum
Susanne Gänsicke (USA)	The Reanimation of a Renaissance Automaton: 'Diana and Stag' at the Museum of Fine Arts, Boston





Elodie Granget (Switzerland)	YCP – DiscoveryMat: A Freeware Electrochemical Tool for the In Situ Analysis of Aluminum Alloys in the Cooling Systems of Historical Vehicles
Matthias Heinzl (Germany)	Discovery of a 12th-Century Enamelled Reliquary Pendant: Elemental Analysis and Content Visualisation Using Prompt Gamma Neutron Activation Analysis and Neutron Tomography
William Hoffman (USA)	Building an Ironclad System: A Quarter-Century of Innovation in the Conservation of USS Monitor
Lauren Horelick (USA)	Magnesium Alloy Corrosion: An Assessment of Previous Treatments at the Smithsonian National Air and Space Museum
Sarah James (Switzerland)	YCP – Microbial Stabilization of Archaeological Iron Objects
Anusha Kasthuriarachchilage (Sri Lanka)	Conservation and Technical Study of Ten Objects in the Thiriyaya Collection at the Department of Archaeology in Sri Lanka
Jessica Lewinsky (Israel)	Keeping it Kosher: The Care and Treatment of the Judaica Collection at the Israel Museum, Jerusalem
Ian D. MacLeod (Australia)	Corrosion and Conservation of Nickel Silver Alloys from Historic Shipwrecks
Daniela Lira Pacheco (Mexico)	Development of Mexican Bell Documentation Tools and Methodologies
Henning Matthiesen and Jacob Frydendahl (Denmark)	Natural Conservation of Archaeological Iron
Peter Meehan (United Kingdom)	A Comparison of the Long-term Outdoor Performance of Two Modern Paint Coating Systems and a Traditional Lead-based Paint Applied to Historic Wrought Iron
Janine Meier (Switzerland)	YCP – Keris Blade Protection – A Comparison of Traditional and Contemporary Coatings





Peter Northover (United Kingdom)	Non-Invasive Analysis: The Mirage and the Reality
Omid Oudbashi (Iran)	Corrosion Analysis and Assessment of the Collection of Copper-Based Objects Excavated from Sagzabad Archaeological Site, Northern Iran
Aleksi Pienimäki (Sweden)	YCP – Commercially Available Vacuum Chambers as an Alternative in the Deoxygenated Desalination Treatment of Archaeological Iron
Sahitya Raja (India)	YCP – Conservation of Copper and Copper Alloy Objects - A training Program Conducted at the Mehrangarh Museum Trust, Jodhpur
Blanca Ramirez Barat (Spain)	Corrosion Detection by Color Change Using Crowd-Sourced Photographs. Preliminary Results of the MIPAC Project
Nicola Ricotta (Italy)	YCP – Analysis of Heterogeneous Tarnish on Silver-Based Alloys Using Pleco® for Local and Controlled Electrolytic Cleaning
Luc Robbiola (France)	First Step in the PROCRAFT Project on WWII Aircraft Heritage: Investigation and Conservation of the Aluminium Alloys
Abigail Rodríguez (USA)	YCP – Mitigating Magnesium Corrosion: Testing the Efficacy of Reapplying Conversion Coatings in Conservation Treatment
Silvia Russo (Switzerland)	Revealing Degradation Patterns: Imaging Techniques for the Study of Metal Soap Formation on Painted Metal Objects
Amalia Siatou (Switzerland)	Reflectance Transformation Imaging Features Maps Applied for Condition Assessment of Historical Metal Objects
Vandana Singh (India)	Sustainable Growth of Mewari Mail Makers- From Traditional to Contemporary Practices
David Thickett (United Kingdom)	Using Epidemiology to Validate Scientific Results for Complex Situations





David Thickett (United Kingdom)	Long-Term Provision of Stable Environments for Metals Conservation
Johanna Thunberg (United Kingdom)	The Role of Patina on Archaeological Copper Alloy Coins in the Outbreak and Progression of Bronze Disease
Emilie Trehu (USA)	YCP – Investigating a Sustainable Alternative: L-Cysteine as a Non-Toxic Corrosion Inhibitor for Copper Alloy Conservation
David Watkinson (United Kingdom)	The Effect of βFeOOH Synthesis Routes on Its Ability to Corrode Iron
Eva Wentland (Germany)	Calcium Sulfonate: Adsorptive Inhibitors for Metal Conservation?
Akinobu Yanagida (Japan)	Deterioration Tests Using a Simulated Tumulus to Evaluate In Situ Preservation for Metal Artifacts in a Stone Chamber

Posters





PRESENTING AUTHOR (S)	TITLE
Aki Arponen (Finland)	Subcritical Fluids in the Conservation of Archaeological Iron Objects: From Experiments to Permanent Practice
Lucile Beck (France)	When Corrosion is Useful: Absolute Dating of Metals by the Radiocarbon Method
Elena Bernardi (Italy)	Atmospheric Particulate Matter: How to Include it in Artificial Ageing?
Isabel Bonora Andujar (France)	Study and Restoration of the Trajan's Column Electrotypes at the National Museum of Archaeology of Saint-Germain-en-Laye
Laura Brambilla (Switzerland)	Acoustic Emission Techniques for the Detection and Monitoring of Corrosion Phenomena
Sabine Brechbühl (Switzerland)	The Bronze Hand of Prêles: Protecting a Valuable Archaeological Object Using 3D Techniques
Emilio Cano Díaz (Spain)	Do the Lubricating Oils Used in Scientific-Technological Objects Protect Metals Against Corrosion?
Mariana Cardoso (Portugal)	The Bluish Green and the Greenish Blue
Cristina Chiavari (Italy)	Heritage Biota and Bronze Patina Composition: A Correlation?
Vera de Bruyn-Ouboter (Norway)	Corrosion of Strings on Musical Instruments
Gerhard Eggert (Germany)	Testing Silver Lacquers: What about Agateen #27?





Catarina Figueiredo (Portugal)	Supercritical Carbon Dioxide: Cleaning and Stabilization Tests for Copper Alloys and Iron Keys from a Scientific Collection of the Centro Hospitalar Conde de Ferreira (Porto, Portugal)
Jacob Frydendahl (Denmark)	A Simple Treatment System for the Deaerated Desalination of Archaeological Iron
Vasilike Argyropoulos (Greece)	The Interface of Metals Conservation Teaching at University Level and the Cultural Vision of EYDAP S.A., A Large Public Benefit Company in Greece
Rosie Grayburn (USA)	A lacquer to Dye For! Exploring a UV Fluorescent Additive for Coating Applications in Silver Conservation
Marie Grima (France)	Port-Jeanne-d'Arc: Is Conservation of an Isolated Site Possible?
Elodie Guilminot (France)	Evaluation of the Impact of Dechlorination Treatments on the Organic Parts of Composite Objects
Ke-Shiuan (Tracy) Han (The Netherlands)	Historical Repairs on Ancient Chinese Bronzes: Identification and Conservation Issues
Reed Hudson (United Kingdom)	Corrosion, Communication, and Comparison: Collaborative Conservation Approaches Towards Two Medieval Axes from Norfolk, England
Laurie King (USA)	Microclimates for Marine Archaeological Iron Artillery: Three Case Studies in Treatment, Storage, and Display
Maria Labut (Poland)	Results of Research on 17th–19th-Century Coffin Portraits in the Collection of the National Museum in Krakow
Manuel Leroux (France)	Examination of an Unusual Apulian-Corinthian Helmet Using X-Ray and Computed Tomography
Paola Letardi (Italy)	Diagnostic, Restoration and Maintenance of Outdoor Bronze Artworks: Investigating Patinas in Marine Environments and Their Stabilisation with Low Environmental Impact Treatments





Graeme McArthur (United Kingdom)	The Curious Case of Storage at the Petrie Museum of Egyptian Archaeology
Eva Menart (Slovenia)	Comparing Simple Portable XRF with PIXE Analysis for Archaeological Metal Objects: Suitability, Advantages and Drawbacks
Anna Mistewicz (Poland)	Methods of Marking Small Museum Objects: A Joint Project of the National Museum in Warsaw and the National Institute of Cultural Heritage in Poland
María Teresa Molina Delgado (Spain)	Influence of the Application Methodology on the Performance of Coatings for the Protection of Metallic Heritage Objects
Mohammad Mortazavi (Iran)	Archaeological Tinned-Copper Objects: A Study on Corrosion and Cleaning Treatments
Nataša Nemeček (Slovenia)	Archaeometallurgical Investigations of an Early Iron Age Helmet: An Interdisciplinary Approach
Peter Northover (United Kingdom)	The Care and Maintenance of Heritage Sample Collections
Janette Ortíz-Corona (Mexico)	Monitoring the Effect of Humidity on the Tarnishing of Silver 0.800 by Means of Electrochemical Noise
Estelle Ottenwelter (Czech Republic) and Luc Robbiola (France)	Investigating Precious Artefacts Using Non-destructive FIB on FEG-SEM: A Case Study of 10th-Century Hollow Gilded Copper Alloy Pendants (Gombiky) from Prague Castle
Maria João Pereira (Portugal)	The Enemy Within: Dezincification and Cyclic Corrosion on a Brass Patinated Equestrian Sculpture
Kimberly Roche (United States)	Standardizing Acid Digestion Methodology to Determine Chloride Content of Ferrous Corrosion Samples
Cristina Scarrone (Italy)	Treatment of Two Fanghu Vessels (1st Century BC): Conservation Issues of Archaeological Painted Bronze





Meredith Sweeney (USA)	Investigating Three Types of Dry Cell Battery Deterioration
Julia Tauber (Germany)	The Complexity of Developing a Restoration Plan for an 18th-Century Cast Iron Fountain
Eszter Tóth (Hungary)	Possibilities for Implementing Aesthetic Unity, Reversibility and Distinctiveness: Two Conservation Case Studies
Simeon Tsvetkov (United Kingdom)	Testing Gap Fillers for Archaeological Metal
Ellen van Bork (The Netherlands)	The 'Hallmarks on (Dutch) Silver' Project: Where Are We Now?
Heleen van Santen (The Netherlands)	Metallotheek: A Collaborative Exploration of Bronze Patination

