APT Technical Committee on Materials

Past Materials Talks

Materials Talks #19
What are Biofilms and Why are they Resistant to Antimicrobial Agents?
Bettina Buttaro, PhD, Associate Professor, Lewis Katz School of Medicine Temple University
September 19, 2023

Materials Talks #18
Unearthing the Hidden Potential of Earthen Architecture: Challenging Perceptions of a Sustainable Building Material
Norma Barbacci, Norma Barbacci Preservation Consultants LLC
July 18, 2023

Desenterrando el potencial oculto de la arquitectura de tierra: desafiando las percepciones de un material de construcción sostenible
Norma Barbacci, Norma Barbacci Preservation Consultants LLC
July 25, 2023

Materials Talks #17
Flock it! The History, Context, Design, Manufacture and Use of Flock Wallpaper
Allyson McDermott, Director, Allyson McDermott, Cumbria, United Kingdom
May 16, 2023

Materials Talks #16
More Than Mold: The Other Fungi
Michael Warnock, President, ID Onsite, Woodbridge, Ontario, Canada
March 21, 2023

Materials Talks #15
Purified Linseed Oil: Considerations for Use on Historic Wood
Erin Gibbs, Program Manager, Brick Earth Stone and Timber Preservation Workshops, Historic Preservation Training Center, US National Park Service
January 17, 2023

Materials Talks #14
The Beginning of the Vermont Marble Industry in the Town of Middlebury
Glenn M. Andres, PhD, Prof. Emeritus, Middlebury College
November 15, 2022
Materials Talks #13
“Glass Towers and Demon Rum”: Interpreting the Watts Tower’s Ornaments
Emma R. Silverman, PhD, Lecturer, California State University, Sacramento
September 20, 2022

Materials Talks #12
Hidden History of Building Paper
Nigel Isaacs, PhD, Senior Lecturer, Wellington School of Architecture, Victoria University of Wellington, Wellington, New Zealand
July 12, 2022

Materials Talks #11
Architectural Plywood: History and Preservation Considerations
Suzana Radojevic, Ph.D., Ligno Logic, LLC, Eugene, Oregon, and Adjunct Instructor, Historic Preservation Program, University of Oregon; and Chad Randl, Art DeMuro Assistant Professor, Historic Preservation Program, University of Oregon
May 10, 2022

Materials Talks #10
Three Kinds of Iron: Wrought Iron, Cast Iron and Mild Steel, the Co-evolution of Ironworking Processes and Design
Nick Lyle, Whitesavage & Lyle, Whidbey Island, WA
March 15, 2022

Materials Talks #9
Another Shade of Blue: Paint Discoveries in Nineteenth-Century Urban Slave Quarters and Service Spaces
Susan Buck, PhD, Conservator and Paint Analyst, Williamsburg, VA
January 18, 2022

Materials Talks #8
Ruth Siddall, PhD, geologist and Student Mediator, Office of the Vice-Provost for Education and Student Experience, University College London
November 16, 2021

Materials Talks #7
Technical Analysis of Historic Wallpapers at Colonial Williamsburg
Kirsten Moffitt, Conservator & Materials Analyst, Colonial Williamsburg Foundation
July 20, 2021

Materials Talks #6
Monel, the Lost Alloy
James Churchill, Conservator, Kreilick Conservation, LLC and Jack deBarbadillo, PhD, Chief Metallurgist, Special Metals; Richard Pieper, retired from Jan Hird Pokorny Associates, guest moderator
May 18, 2021

Materials Talks #5
What’s in the Can?
Ulysses Jackson, Supervisor Research & Development, Golden Paints
March 16, 2021

Materials Talks #4
Thomas Edison, Concrete and the ‘Salvation of the Slum Dweller’
Naomi Kroll Hassebroek, Senior Conservator, Historic Architecture, Conservation, and Engineering Center, Northeast Region, US National Park Service
January 19, 2021

Materials Talks #3
Carbon Fiber Fabric and its Potential for Use in Conservation Treatments
Carolyn Riccardelli, Conservator, The Metropolitan Museum of Art
November 19, 2020

Materials Talks #2
A Close Look at Wood Decay
Robert Blanchette, PhD, Professor, Department of Plant Pathology, University of Minnesota
September 22, 2020

Materials Talks #1
Laboratory Studies of Concrete and Mortar: Assessment, Petrographic and Chemical Studies
Karla Salashour, PE, Senior Associate and Petrographer, Wiss, Janney, Elstner Associates
May 20, 2020