



The Association for Preservation Technology International  
Association Internationale pour la préservation et ses techniques



## **APT Technical Committee on Materials**

### **Past Materials Talks**

#### Materials Talks #19

What are Biofilms and Why are they Resistant to Antimicrobial Agents?

Bettina Buttarò, 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 Radivojevic, 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

Roman Craft, Medieval Mortars, and 19<sup>th</sup>-century Replica Mortars in Westminster Abbey, London

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