



## Technical Committee for Materials

The Technical Committee for Materials was created in 2016 to serve as a clearinghouse for information on both materials and architectural assemblies of historic building construction, and materials for building repair.



*Gilded and stenciled finishes conservation, El Capitan Theatre, Los Angeles, CA, Morgan, Walls & Clements, 1926, Photo credit: Kat Gardner*

The purpose of the committee is to gather information on:

- the fundamental physical and chemical properties of building and repair materials
- how physical and chemical properties relate to material performance, and the mechanisms of loss of performance
- the history of material manufacturing and assembly
- sources of historic materials

The committee will also explore methods proposed for:

- testing historic materials' performance properties
- testing materials to be used for repair
- treatment of building assemblies and architectural materials

- preservation and replication using substitute materials
- meeting national and international treatment standards

Our primary goal is developing dynamic methods for sharing material information among preservation professionals.

### Committee Initiatives

#### WORKSHOPS

The committee sponsored a multi-day workshop at the APT 2019 Miami Conference. The workshop included technical instruction along with on-site assessment of limestone and terrazzo to demonstrate approaches to testing for preservation projects.



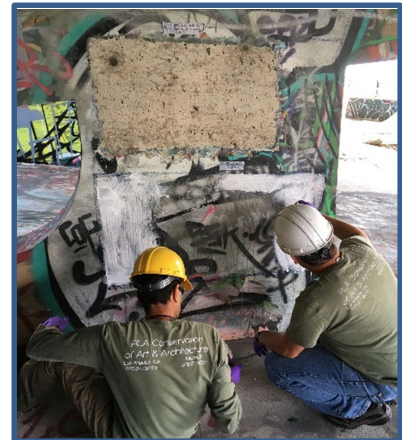
*Stone treatments using lime injection at The Columns (Missouri University, Columbia, MO), Stephen Hills, 1840, Photo Credit: Chris Gembinski*

#### TECHNICAL SESSIONS

The committee has sponsored several technical session tracks on materials at APT Conferences and is currently coordinating several materials-based sessions at upcoming APT conferences.

#### ROUNDTABLES

The committee coordinates a series of roundtables and panels that cover a wide range of materials-related topics to provide APT members with technical information, provide a forum for discussion, and encourage technical collaboration among preservation professionals.



*Coating removal at Miami Marine Stadium, Hilario Candela, 1963, Photo: Kelly Ciociola*

#### TC-Materials Contacts

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