



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

For immediate release

For further information contact:  
APT 217.529.9039 or [info@apti.org](mailto:info@apti.org)  
Diana S. Waite, Editor, *APT Bulletin*  
Laura Colaneri, Editorial Assistant, *APT Bulletin*  
518.426.5935 or [info@mountidapress.com](mailto:info@mountidapress.com)

## **New from the *APT Bulletin*: Arresting Images from Mali to Detroit**

The summer 2015 issue of the *APT Bulletin: The Journal of Preservation Technology*, the second to be published in full color, presents an array of stunning images of a range of historic structures. The first article of this double issue, based upon the College of Fellows lecture presented by Trevor H. J. Marchand at APT's 2014 annual conference in Québec City, features particularly striking images—including the cover photo—of masons and townsmen climbing the facades of the Djenné Mosque in West Africa during the ceremonial maintenance of this holy structure.

Other articles deal with building materials that are very different from the mud plaster used in Mali. Engineers Lizzie Olson and Derek Trelstad use both historic and present-day images to illustrate their investigation of deteriorating coral concrete and brick masonry at Fort Jefferson, a Second Period U.S. fort off the coast of Florida. In “Two Aesthetic-Movement Rooms: Research and Conservation,” Claudia Kavenagh and Raymond M. Pepi discuss the relationship between the research conservator and the contract conservator and illustrate in-progress treatments on the interior finishes at the Seventh Regiment Armory in New York City. Architect Ilene R. Tyler contrasts the historical uses of structures at the Highland Park Ford Plant with their current deterioration using images developed as her team documented the site.

In her article on a bascule bridge over the Chicago River, Carolyn Andrews recounts the preservation aspects of the planning and execution of repairs. In “Restoration of the Cast-in-Place Concrete at the New York Hall of Science,” Laura N. Buchner and Raymond M. Pepi illustrate the similarities and differences between the original concrete in the dalle-de-verre walls and the repairs designed to fit in with the weathered surfaces of the original. Lastly, engineers Arne P. Johnson and W. Robert Hannen review the international literature on recommended vibration limits for historic buildings and art collections and incorporate their findings into case studies, which include the expansion of the Saint Louis Art Museum. Four of the papers in this issue were presented at APT’s 2014 conference in Québec City, and they reflect the multi-disciplinary make-up of APT’s membership, from engineers and architects to conservators and historians.

This issue’s book reviews, collected by Book Review Editor Frances Gale, features a report by Wendy Shearer on Harold Kalman’s *Heritage Planning: Principles and Process* and Amalia Leifeste’s review of *Crafting Preservation Criteria: The National Register of Historic Places and American Historic Preservation* by John H. Sprinkle, Jr.

Mike Jackson’s APT Building Technology Heritage Library column supplements Carolyn Andrews’s article with a catalog from the Strauss Bascule Bridge Company, speaks to Detroit’s subset of companies producing industrial building materials in the Trussed Concrete Steel Co.’s catalog of steel sash, and features a catalog of varnishes manufactured in New York by Charles H. Gillespie.

The Association for Preservation Technology is the only international organization dedicated solely to promoting the best technology for conserving historic structures and their settings. Founded in 1968 in Québec as a joint venture between Canadian and United States preservationists, APT provides members with benefits that include publications, networking opportunities, conferences, training courses, and student scholarships. As a benefit of membership, APT members can search, browse, download, and print full-text PDF versions of past *Bulletin* articles on JSTOR, an international online digital archive. Visit <http://www.apti.org> for more information.

The *APT Bulletin*, a peer-reviewed, scholarly journal, is a valued source for state-of-the-art information on preservation technology. Published three times a year by APT, the *Bulletin* examines all aspects of preservation technology in feature articles and book reviews, keeping readers at the leading edge of the field.

Mount Ida Press, which edits and produces the *APT Bulletin*, specializes in high-quality publications on history, architecture, and building technology. For further information about the *APT Bulletin*, please contact the editorial office in Albany, New York, at 518.426.5935 or at [info@mountidapress.com](mailto:info@mountidapress.com).

## **Contents**

Editor's Note

*Diana S. Waite*

The Djenné Mosque: World Heritage and Social Renewal in a West African Town

*Trevor H. J. Marchand*

Stabilizing Masonry with History and High-Tech

*Lizzie Olson and Derek Trelstad*

Two Aesthetic-Movement Rooms: Research and Conservation

*Claudia Kavenagh and Raymond M. Pepi*

Highland Park Ford Plant: Documentation and Redevelopment

*Ilene R. Tyler*

Wells Street Bridge in Chicago: A Moveable Monument Restored

*Carolyn Andrews*

Restoration of the Cast-in-Place Concrete at the New York Hall of Science

*Laura N. Buchner and Raymond M. Pepi*

Vibration Limits for Historic Buildings and Art Collections

*Arne P. Johnson and W. Robert Hannen*

Book Reviews

*Frances Gale, Book Review Editor*

APT Building Technology Heritage Library

*Mike Jackson*

APT Membership Information

Vol. 46:2-3, 80 pp., 79 illus.

---