## **APT Bulletin**

THE JOURNAL OF PRESERVATION TECHNOLOGY

Volume XL Number 1

Published by Association for Preservation Technology International Association pour la préservation

et ses techniques

BULLETIN EDITOR and ADVERTISING Diana S. Waite, Editor Melissa Miščević Bramble, Project Manager Maya E. Rook, Editorial Assistant Mount Ida Press 111 Washington Avenue Albany, NY 12210 Tel.: 518-426-5935 Fax: 518-426-4116

E-mail: info@mountidapress.com

MEMBERSHIP INFORMATION, PUBLICATIONS ORDERS, and OTHER INQUIRIES APT 3085 Stevenson Drive, Suite 200 Springfield, IL 62703 Tel: 217-529-9039 Fax (toll-free): 888-723-4242 www.apti.org

APT 2009 Annual Conference

Los Angeles, California November 2-6

## **COPYRIGHT**

Articles from the *Bulletin* are copyrighted and may be reprinted only with permission of the editor. Please submit requests in writing to Diana S. Waite, Mount Ida Press, 111 Washington Ave., Albany, NY 12210.

The Bulletin is indexed on APT's Web site, www.apti.org, and in Art Index, Architectural Periodicals Index, Art and Architecture Technical Abstracts, Avery Index to Architectural Periodicals, Garden Literature, America: History and Life, Historical Abstracts, Ulrich's, and the University of Maryland-National Trust Library Index to Historic Preservation Periodicals. Past issues of the Bulletin are available on JSTOR, the Scholarly Journal Archive.

Responsibility for the methods and/or materials described herein rests solely with the contributors and should not be considered official statements or endorsements of APTI.

© 2009 by Association for Preservation Technology International. ISSN 00449466

Postmaster: Send address changes to APT, 3085 Stevenson Drive, Suite 200, Springfield, IL 62703

Cover: A bronze sculpture at the Philadelphia Museum of Art during laser cleaning. Courtesy of Conservation of Sculpture and Objects Studio, Inc.

Printing: Fort Orange Press. Printed in U.S.A.

All Bulletin articles undergo peer review.

## BULLETIN

| Sustainable Heritage: Challenges and Strategies for the<br>Twenty-First Century<br>May Cassar                                   | 3  |
|---|----|
| The Use of Lasers for Cleaning Large Architectural Structures<br>Andrzej Dajnowski, Adam Jenkins, and Andrew Lins               | 13 |
| Mortar Injection: A Case Study of the Villa Medicis in Rome<br>Mary B. Brush and Didier Repellin                                | 25 |
| Blanketing the Home: The Use of Thermal Insulation in<br>American Housing, 1920–1945<br>Joanna Dowling                          | 33 |
| Analyzing Mortars and Stuccos at the College of Charleston:<br>A Comprehensive Approach<br>Dorothy S. Krotzer and John J. Walsh | 41 |
| Abandoned in the Wilderness: Survival and Rescue at the Adirondack Iron Works  Janet A. Null                                    | 49 |
| Condition Evaluation of Facades of Nineteenth-Century<br>New York City Walk-Ups<br>Mark Davis and Dan Eschenasy                 | 57 |
| Directory of Advertisers  | 63 |