San Antonio
Oct. 30 - Nov. 2, 2016
Preserving heritage with tomorrow’s technologies
#APTS2016
PROGRAM BOOK
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday, October 29</td>
<td>9:00am - 5:00pm</td>
<td>Board of Directors Meeting</td>
<td>El Mirador C</td>
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<tr>
<td></td>
<td>7:30am - 8:15am</td>
<td>Field Sessions Continental Breakfast</td>
<td>Prefunction</td>
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<tr>
<td></td>
<td>7:45am - 9:00am</td>
<td>Workshops Continental Breakfast</td>
<td>El Mirador Foyer</td>
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<td></td>
<td>8:00am - 4:00pm</td>
<td>Full Day Field Sessions</td>
<td>See Page 4</td>
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<tr>
<td></td>
<td>8:00am - 4:00pm</td>
<td>Half Day Field Sessions <em>(various times)</em></td>
<td>See Page 4</td>
</tr>
<tr>
<td></td>
<td>9:00am - 5:00pm</td>
<td>Workshops, Day 1</td>
<td>See Page 5</td>
</tr>
<tr>
<td></td>
<td>10:00am - 3:30pm</td>
<td><strong>PE1</strong>: Tee Time at the Historic Brackenridge Course</td>
<td>Brackenridge Golf Course</td>
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<tr>
<td></td>
<td></td>
<td>9:30am - 9:45am Bus Staging in Lobby Bar</td>
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<td>3:00pm - 5:00pm</td>
<td>APT Partnership &amp; Outreach Task Force Meeting</td>
<td>La Condesa</td>
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<td>3:00pm - 5:00pm</td>
<td>50th Anniversary Celebration Committee Meeting</td>
<td>La Reina</td>
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<td></td>
<td>5:00pm - 6:00pm</td>
<td>Student / Mentor Meet &amp; Greet</td>
<td>Stetson</td>
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<td></td>
<td>6:00pm - 7:00pm</td>
<td><strong>SE1</strong>: Welcome Reception</td>
<td>La Vista Ballroom</td>
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<tr>
<td></td>
<td>7:15pm - 8:30pm</td>
<td><strong>KS1</strong>: Welcome &amp; Opening Keynote with Lewis F. Fisher</td>
<td>Salon del Rey</td>
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<tr>
<td></td>
<td>9:00pm - 11:00pm</td>
<td>Educators at APT Networking Event <em>(offsite)</em></td>
<td>The Liberty Bar</td>
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<tr>
<td>Monday, October 31</td>
<td>6:15am - 9:00am</td>
<td>Field Sessions Continental Breakfast</td>
<td>Prefunction</td>
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<td>7:15am - 9:00am</td>
<td>Workshop Continental Breakfast</td>
<td>El Mirador Foyer</td>
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<td>8:00am - 4:45pm</td>
<td>Full Day Field Sessions</td>
<td>See Page 6</td>
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<tr>
<td></td>
<td>8:00am - 5:00pm</td>
<td>Workshops, Day 2</td>
<td>See Page 6</td>
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<td>Latin America Chapter Meeting</td>
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<td>1:00pm - 3:00pm</td>
<td>Latin America Chapter Roundtable</td>
<td>El Mirador BC West</td>
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<td>College of Fellow Business Meeting</td>
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<td>2:00pm - 5:00pm</td>
<td>Exhibit Hall</td>
<td>Salon del Rey</td>
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<td>Technical Committee Meeting - Modern Heritage</td>
<td>La Condesa</td>
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<td>4:30pm - 6:00pm</td>
<td>Training &amp; Education Committee Meeting</td>
<td>La Vista ABC</td>
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<td>5:00pm - 9:00pm</td>
<td><strong>SE2</strong>: Exhibit Gala</td>
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<td>5:15pm - 6:45pm</td>
<td>Technical Committee Meeting - Sustainable Preservation</td>
<td>La Condesa</td>
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### Tuesday, November 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00am - 9:30am</td>
<td>SE3: Breakfast with Exhibitors</td>
<td>Salon del Rey</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>Exhibit Hall</td>
<td>Salon del Rey</td>
</tr>
<tr>
<td>8:30am - 5:00pm</td>
<td>Engineering Competition “Official Build Start”</td>
<td>La Corona</td>
</tr>
<tr>
<td>9:45am - 4:45pm</td>
<td>Concurrent Paper Sessions</td>
<td>See Pages 22-27</td>
</tr>
<tr>
<td>11:25am - 12:10pm</td>
<td>SE4: Preview Lunch &amp; Student Scholar Program</td>
<td>Pavilion – Upper</td>
</tr>
<tr>
<td>12:15pm - 1:00pm</td>
<td>Annual General Meeting</td>
<td>Pavillion – Main</td>
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<td>5:00pm - 6:30pm</td>
<td>Technical Committee Meeting - Preservation Engineering</td>
<td>La Condesa</td>
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<tr>
<td>5:00pm - 6:30pm</td>
<td>Publications Committee Meeting</td>
<td>Hacienda II &amp; III</td>
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<td>5:00pm - 6:30pm</td>
<td>Technical Committee Meeting - Documentation</td>
<td>La Reina</td>
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<tr>
<td>7:00pm - 10:30pm</td>
<td>SE5: Annual Awards Banquet</td>
<td>Salon del Rey</td>
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### Wednesday, November 2

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<tbody>
<tr>
<td>7:00am - 7:30am</td>
<td>Chapters Committee Meeting</td>
<td>Salon AB</td>
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<tr>
<td>7:30am - 8:15am</td>
<td>SE6: Chapters Breakfast</td>
<td>Salon AB</td>
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<tr>
<td>7:30am - 8:15am</td>
<td>Continental Breakfast</td>
<td>El Mirador &amp; La Vista Foyers</td>
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<tr>
<td>8:00am - 5:00pm</td>
<td>SE8: Engineering Competition</td>
<td>La Corona</td>
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<tr>
<td>8:30am - 12:15pm</td>
<td>Concurrent Paper Sessions</td>
<td>See Pages 28 - 31</td>
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<tr>
<td>Various</td>
<td>Half Day Field Sessions</td>
<td>See Page 10</td>
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<tr>
<td>4:45pm - 6:00pm</td>
<td>Board of Directors Meeting</td>
<td>La Condesa</td>
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<tr>
<td>5:00pm - 6:00pm</td>
<td>AIA HRC Reception</td>
<td>Terrace Garden</td>
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<td>6:10pm - 6:35pm</td>
<td>HABS Peterson Awards</td>
<td>Salon del Rey</td>
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<tr>
<td>6:40pm - 7:45pm</td>
<td>College of Fellows Keynote Speaker and College of Fellows Installation</td>
<td>Salon del Rey</td>
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<tr>
<td>8:00pm - 10:30pm</td>
<td>SE7: APT Social – NIOSITA</td>
<td>Maverick Plaza, La Villita</td>
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### Thursday, November 3

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>7:30am - 8:15am</td>
<td>Continental Breakfast</td>
<td>Salon A</td>
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<tr>
<td>8:30am - 5:00pm</td>
<td>Symposium</td>
<td>Salon BC</td>
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<tr>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td>Salon A</td>
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All special event (SE) tickets must be purchased by 2:00pm Monday, October 31. SE7: NIOSITA tickets are available until showtime.
Welcome to San Antonio!

Please allow me to welcome each of you to the 49th Annual Conference of APT and to the town I’m proud to call home. The Local Conference Committee and APT Texas are glad to have you back in the Lone Star State. While San Antonio is the seventh largest city in the United States, I have always thought of it as a small town with a very large population and a unique cross-cultural heritage including the nation’s latest addition to the World Heritage List, our extraordinary Missions. The Missions were themselves an example of ‘tomorrow’s technology’ when they were built, and San Antonio has continued to innovate technology throughout its history. The Palacio del Rio, our conference hotel, was assembled with pre-cast rooms that were already furnished, and the city is protected from flooding by an underground siphon! We are looking forward to hearing more of your innovative contributions to preservation technology at the paper sessions, developing new skills at the workshops, seeing preservation first hand on the field sessions, and providing you real Texan hospitality at our social events.

¡Bienvenidos!

Sue Ann Pemberton
Local Conference Committee Chair

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<td>Grant Recipients</td>
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<td>Sunday (10/30)</td>
<td>Paper Sessions - Track 1</td>
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<td>Wednesday (11/2)</td>
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<td>Paper Sessions - Track 5</td>
<td>30-31</td>
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<td>Hilton Palacio del Rio Map</td>
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<td>Sponsors</td>
<td>Downtown San Antonio Map</td>
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<td>Exhibitors</td>
<td>Conference Info &amp; Mobile App</td>
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<td>APT 2017 Conference</td>
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Local Conference Committee
The APT San Antonio 2016 Conference is brought to you by APT Texas Chapter and the dedicated members of the Local Conference Committee:

Conference Chair
Sue Ann Pemberton
Program Co-Chairs
David Woodcock
Boone Gale
Sponsor Coordinator
Torrey Carleton
Field Sessions Chair
Bruce MacDougal
Young Professionals and Outreach
Anna Nau
Jenny Hay
National Parks Coordinator
Mardi Arce
Special Events
Patrick Sparks
Pam Rosser
Workshops Coordinator
Christine Vina
Coordinator with UTSA
John Murphy
Field Session Coordinators and Facilitators
Killis Almond
Susan Beavin
Cerise Bell
Allison Chambers
Steve Dean
David Fixler
Claudia Guerra
Jenny Hay
Stuart Johnson
Paul King

Conference Chair
Anna Nau
James Oliver
Joanna Parrish
Sue Ann Pemberton
Boone Powell
Kathy Rodriguez
Pam Rosser
Monica Savino
Susan Snow
Patrick Sparks
Rachel Wright
Doris Eichburg
Susan Bronson
Anna Mod
David Bucek
Berta de Miguel Alcalà
Pamela Jerome
Caroline Alderson
Emily Ardoín
Andrew Billingsley
Kent Diebolt
Carol Dyson
Nicky Emery
Andy Ferrell
Don Friedman
Donald Friedman
Todd Grover
Mike Jackson
Evan Kopelson
John Matteo
Michael McClelland
Anna Nau

Inaugural Preservation Engineering Design Build Student Competition Finals!
This multi-disciplinary event will showcase teams competing to erect an 'historic' wood bridge designed on site. Once constructed these bridges will be tested publicly, and finals will include a preservation-based problem that encourages teams to make use of the unique tools and information at their disposal. For a complete schedule of activities, see page 6.

Carleton University, Ottawa, Canada
Faculty and Engineering & Faculty of Architecture
Team Members:
Isis Bennet, Zeynep Ekim, Alex Federman, Natalie Miller, Miquel Reina Ortiz, Cristina Ranalli, Brandon Robinson
Co-Faculty Advisors:
Mariana Esponda & Jeffrey Erochko
Co-Mentors:
John Cooke & James Maddigan

Texas A&M University – Kingsville, Kingsville, USA
Frank H. Dotterweich College of Engineering
Team Members:
Brandon Darr, Zachary Dean, Sara Cantu Williams, Rene Alvarado Ill, Beatriz Alba, Santiago Vargas
Faculty Advisor:
James Glusing
Co-Mentors:
John Cooke & James Maddigan

APT San Antonio thanks members of the Technical and Standing Committees whose efforts have contributed to the success of this year’s programming and conference.
Full Conference Schedule

*At time of printing and subject to change. For the latest information, download the APT Conference mobile app or simply logon to aptconference.org

Please Note:
All events, unless noted, will be held at the Palacio del Rio Hotel. Conference attire is business casual, and for field sessions & workshops, it is recommended to wear good walking shoes.

Saturday, October 29

8:00am - 9:00am  Board of Directors Breakfast  Stetson
9:00am - 5:00pm  Board of Directors Meeting  El Mirador C
12:00pm - 1:00pm  Board of Directors Lunch  Stetson
12:00pm - 5:00pm  Registration  Corte Real Lobby

Sunday, October 30

7:00am - 5:00pm  Registration  Prefunction
7:30am - 8:15am  Field Sessions Continental Breakfast  Prefunction
8:00am - 9:00am  Workshops Continental Breakfast  El Mirador Foyer

Field Sessions

8:00am - 4:00pm  FS1 - Historic Farms & Ranches  Blas Herrera Ranch and the Presnall-Watson Homestead
8:00am - 12:00pm  FS4 - The King William Historic Neighborhood  King William Neighborhood
12:00pm - 2:00pm  FS2A - Architectural River Barge Ride  San Antonio River
2:00pm - 4:00pm  FS2B - Architectural River Barge Ride  San Antonio River

FIELD SESSION INFORMATION
Pre-registration and fee is required for all field sessions. Dress is casual, in layers, with good walking shoes. Full day and morning field sessions offer a continental breakfast in the Prefunction area, located on the Mezzanine Level. Full day fee includes also lunch. All field session attendees should report to the Lobby Bar (bus staging area) 15 minutes BEFORE departure. Plan accordingly to allow for breakfast and check-in.

HAVE YOU DOWNLOADED THE APTSA MOBILE APP?
Scan this QR code or visit http://bit.ly/2duIPUP

Get all the information in this program book on your smart phone or tablet. Share contact information with your colleagues, exhibitors and sponsors. It’s your guide to APT San Antonio!
Workshops Day 1

8:00am - 5:00pm

WS1 - Building Science and Systems: New Approaches and Technologies for Rehabilitating Historic Structures

El Mirador BC East

**Coordinators:**
Mark Brandt
Tim Crowe
Nancy Rankin
John Dumsick

**Speakers:**
Elizabeth Cassin
Roger Chang
Tom Leslie
Tom Newbold
Bill Rose
Steve Tilly
Amanda Webb

9:00am - 5:00pm

WS2 - Conservation of Limestone and Sandstone Sculptures and Building Ornament

El Mirador BC West

**Coordinator:**
Ivan Myjer

**Speakers:**
Ivan Myjer
John Glavan
Dr. George Wheeler

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**WORKSHOP INFORMATION**

Pre-registration and fee is required to attend. Workshop fee includes breakfasts, lunches and materials. Dress is casual with good walking shoes. Lunch will be in La Vista ABC from 12pm - 1pm each day of the Workshops.

9:15am - 9:45am
Bus Staging for Golf Outing
Lobby Bar

10:00am - 3:30pm
Tee Time @ Brackenridge
Brackenridge Golf Course

3:00pm - 5:00pm
Outreach & Partnership Task Force
La Condesa

5:00pm - 6:00pm
Scholar Student / Mentor Meet & Greet
Stetson

6:00pm - 7:00pm
SE1: Welcome Reception
La Vista

7:15pm - 8:30pm
KS1: APT Welcome & Opening Keynote
Salon del Rey

Author Lewis F. Fisher will share images of San Antonio, documenting the preservation of this unusual city and the pervasive ambience of its colorful, authentic past. The Alamo, the first historic landmark west of the Mississippi, and four other mission complexes dating from Spanish times are a World Heritage Site. The River Walk, now fifteen miles in length, is one of the world’s most noted urban linear parks. Mr. Fisher will also discuss some of the triumphs and tragedies of historic preservation in San Antonio.

9:00pm - 11:00pm
Educators at APT
The Liberty Bar (offsite)
Monday, October 31

6:00am - 5:00pm  Registration                     Prefunction
6:15am - 9:00am  Field Sessions Continental Breakfast  Prefunction
7:15am - 9:00am  Workshops Continental Breakfast       El Mirador Foyer

FIELD SESSIONS
Please note your departure time and plan on being in the
Hotel Lobby Bar at least 15 minutes prior.

Field Sessions

7:00am - 4:00pm  FS6 - Texas Dance Halls & Painted Churches
8:00am - 4:00pm  FS5 - The San Antonio Missions: UNESCO World Heritage Sites
8:00am - 4:00pm  FS7 - Engineering of Water
9:00am - 12:00pm FS8 - Cemex Cement Plant Tour
9:00am - 12:00pm FS9 - The Alamo & The Mission Concepción Frescos Comparison
1:00pm - 4:00pm  FS10 - The Alamo and The Mission Concepción in Scientific Detail
1:00pm - 4:00pm  FS11 - Concrete Innovations

Workshops Day 2

8:00am - 5:00pm  WS1 - Building Science and Systems: New Approaches and Technologies for Rehabilitating Historic Structures
9:00am - 5:00pm  WS2 - Conservation of Limestone and Sandstone Sculptures and Building Ornament

Drop by La Corona on the Mezzanine level to see the Team Presentations in the Inaugural
APT Preservation Engineering Design Build Student Competition Finals!

Tuesday
8:00 am-9:45am Official Build Start
2:45pm-3:45pm Problem Assignment

Wednesday
1:00pm Testing Begins
3:30 Team Presentations
4:15pm-4:45pm Competition Awards and 2017 Unveiling

Design Building Student Competition Sponsors*
Old Structures Engineering PC | The Historic Bridge Foundation | Tom Morrison
Wiss Janney Elstner Associates, Inc | 1200 Architectural Engineers, PLLC

*at press time
The Latin America Chapter is pleased to host a roundtable discussion on “Preservation Technologies Applied to Earthen Architecture. The Latin American Experience”. Join us on Monday, October 31 from 1-3:00pm as we hear how building with earthen materials and preserving cultural heritage in different geographic areas each require unique and specific interventions. Discussion will take place in El Mirador BC West. All attendees welcome!
**Tuesday, November 1**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00am - 5:00pm</td>
<td>Registration</td>
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</table>
| 8:00am - 9:30am  | **SE3: Breakfast with Exhibitors**
                        | NEW THIS YEAR! Breakfast with Exhibitors is INCLUDED with your registration, so grab a cup of coffee, a bite to eat and catch up with any exhibitors you missed last night. | Salon del Rey |
| 8:00am - 12:00pm | Exhibit Hall                                                         |
| 8:30am - 5:00pm  | Engineering Competition                                              |

**Track 1: Spanish Colonial Structures, Traditions and Cultures**

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<th>Time</th>
<th>Concurrent Session #1.1</th>
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<tr>
<td>9:45am - 11:15am</td>
<td>San Antonio Missions</td>
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<tr>
<td>1:15pm - 2:45pm</td>
<td>San Antonio Missions</td>
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<tr>
<td>3:15pm - 4:45pm</td>
<td>California Projects</td>
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**Track 2: Cultural Landscapes: Patterns & Palimpsests**

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<th>Concurrent Session #2.1</th>
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<td>9:45am - 11:15am</td>
<td>Mapping Culture 1</td>
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<tr>
<td>1:15pm - 2:45pm</td>
<td>Mapping Culture 2</td>
</tr>
<tr>
<td>3:15pm - 4:45pm</td>
<td>Cultural Landscape Typologies: Mound Caves and Ruins</td>
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**Track 3: Revisiting Mid-Century Modern**

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<td>9:45am - 11:15am</td>
<td>Structural Issues</td>
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<td>1:15pm - 2:45pm</td>
<td>Windows</td>
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<td>3:15pm - 4:45pm</td>
<td>Project Planning</td>
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**Track 4: Concrete: Materials & Innovations**

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<td>9:45am - 11:15am</td>
<td>Concrete Repairs</td>
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<td>1:15pm - 2:45pm</td>
<td>Cast Stone / Pre-Cast Concrete</td>
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<tr>
<td>3:15pm - 4:45pm</td>
<td>Investigation</td>
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### Track 5: Vernacular Heritage: Honoring the Ordinary

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<tr>
<td>9:45am - 11:15am</td>
<td>Concurrent Session #5.1 Vernacular Philosophy</td>
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<td>1:15pm - 2:45pm</td>
<td>Concurrent Session #5.2 Adobe</td>
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<tr>
<td>3:15pm - 4:45pm</td>
<td>Concurrent Session #5.3 Technical Vernacular</td>
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#### Tuesday, November 1

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<tbody>
<tr>
<td>11:25am - 12:10pm</td>
<td>SE4: Preview Lunch &amp; Student Scholar Recognition Program</td>
<td>Pavilion – Upper</td>
</tr>
<tr>
<td>12:15pm - 1:00pm</td>
<td>Annual General Meeting</td>
<td>Pavilion – Main Floor</td>
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<tr>
<td>2:45pm - 3:15pm</td>
<td>Refreshment Break</td>
<td>El Mirador and La Vista Foyers</td>
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<tr>
<td>5:00pm - 6:30pm</td>
<td>Technical Committee - Preservation Engineering Meeting</td>
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<td>Technical Committee - Publications Committee Meeting</td>
<td>Hacienda II &amp; III</td>
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<td>7:00pm - 10:30pm</td>
<td>SE5: Annual Awards Banquet</td>
<td>Salon del Rey</td>
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</tbody>
</table>

With your help, APT has provided support to over 130 students since 2003, giving young preservationists the invaluable educational and networking opportunities available at the APT Annual Conference. This year, you can help by attending our Annual Awards Banquet featuring musical entertainment by Michel Chatara-Morse, and the popular and delicious Dessert Auction! We will also be auctioning off a 2017 Registration, Hotel and a Annual Awards Banquet ticket along with some other great items!

#### Wednesday, November 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 5:00pm</td>
<td>APT Registration</td>
<td>Prefunction</td>
</tr>
<tr>
<td>7:00am - 7:30am</td>
<td>Chapters Committee Meeting</td>
<td>Salon AB</td>
</tr>
<tr>
<td>7:30am - 8:15am</td>
<td>SE6: Chapters Breakfast</td>
<td>Salon AB</td>
</tr>
<tr>
<td>7:30am - 8:15am</td>
<td>Continental Breakfast</td>
<td>El Mirador &amp; La Vista Foyers</td>
</tr>
<tr>
<td>8:00am - 5:00pm</td>
<td>SE8: Engineering Competition</td>
<td>La Corona</td>
</tr>
</tbody>
</table>

### Track 1: Spanish Colonial Structures, Traditions and Cultures

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>8:30am - 10:15am</td>
<td>Concurrent Session #1.4 Latin America &amp; The Philippines</td>
<td>El Mirador C</td>
</tr>
<tr>
<td>10:45am - 12:15pm</td>
<td>Concurrent Session #1.5 Encounters: Projects Involving Diverse Building Materials and Traditions</td>
<td></td>
</tr>
</tbody>
</table>
### Track 2: Cultural Landscapes: Patterns & Palimpsests

**8:30am - 10:15am**  
Concurrent Session #2.4  
Interpreting Culture & Heritage  
El Mirador AB East

**10:45am - 12:15pm**  
Concurrent Session #2.5  
College of Fellows Roundtable

### Track 3: Revisiting Mid-Century Modern

**8:30am - 10:15am**  
Concurrent Session #3.4  
Residential  
El Mirador AB West

**10:45am - 12:15pm**  
Concurrent Session #3.5  
Climate Change

### Track 4: Concrete: Materials & Innovations

**8:30am - 10:15am**  
Concurrent Session #4.4  
History and Theory  
La Vista ABC

**10:45am - 12:15pm**  
Concurrent Session #4.5  
Case Studies

### Track 5: Vernacular Heritage: Honoring the Ordinary

**8:30am - 10:15am**  
Concurrent Session #5.4  
Technical Upgrades  
La Vista DEF

**10:45am - 12:15pm**  
Concurrent Session #5.5  
Case Studies in Vernacular Conservation

### Field Sessions

<table>
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<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:15pm - 12:45pm</td>
<td>Field Sessions Box Lunch Pick-Up</td>
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<tr>
<td>1:00pm - 4:00pm</td>
<td>FS12 - Mission Churches Interiors</td>
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<tr>
<td>1:00pm - 4:00pm</td>
<td>FS13 - Thematic Theaters</td>
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<tr>
<td>1:00pm - 4:00pm</td>
<td>FS14 - Parks &amp; Plazas</td>
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<tr>
<td>1:00pm - 4:00pm</td>
<td>FS18 - Conservation Challenges at The Alamo Shrine</td>
</tr>
<tr>
<td>1:30pm - 5:00pm</td>
<td>FS15 - Enhancing an Historic Modern Campus — Trinity University</td>
</tr>
<tr>
<td>4:45pm - 6:00pm</td>
<td>Board of Directors Meeting</td>
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<tr>
<td>5:00pm - 6:00pm</td>
<td>AIA HRC Reception</td>
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<tr>
<td>6:10pm - 6:35pm</td>
<td>HABS Peterson Awards</td>
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</table>

**FIELD SESSIONS**  
Please note your departure time, and plan on being in the Hotel Lobby Bar or meeting place at least 15 minutes prior.
**Wednesday, November 2 (continued)**

6:40pm - 7:45pm  
College of Fellows Keynote Speaker and COF Installation  
Salon del Rey  

College of Fellows keynote speakers, Camila Mileto and Fernando Vegas, are architects and professors at the Universitat Politècnica of València (Spain), where they teach architectural conservation. They have been guest lecturers at the Universities of Venice and Palermo (Italy), Cordoba (Argentina) and the University of Pennsylvania (USA). As directors of the journal *Loggia*, both have published extensively on architectural conservation, have received several international awards for their research projects and built work on architectural conservation. Mileto and Vegas have directed several studies, projects and interventions for the preservation of the Alhambra of Granade, among other monuments in Spain.

7:45pm - 10:30pm  
**SE7: APT Social – NIOSITA**  
Maverick Plaza, La Villita  

What began in 1937 as a handful of Society ladies serving food and drink from river barges, has grown into the top fundraiser known as “Night in Old San Antonio”, or NIOSA, and truly lives up to its motto as a “Celebration for Preservation.” The APT NIOSita event will bring the flavor and feel of the larger festival to this year’s attendees. Come join us and experience the flavors and cultures that have shaped the past, present and future of San Antonio!

---

**Night In Old San Antonio Event - NIOSITA**

Tickets to NIOSITA are available at the APT Registration Desk throughout conference. Ticket price includes all food and beverage.

---

**Thursday, November 3**

7:30am - 5:00pm  
Registration  
Prefunction  

7:30am - 8:15am  
Continental Breakfast  
Salon A  

8:30am - 5:00pm  
**Symposium: Water, Water Everywhere! Developing Technical Guidance for Protecting Historic Buildings from Flooding and Sea Level Rise**  
Salon BC  

*Speakers:*

- Glenn Boornazian
- Jennifer Eggleston
- Nathan Lott
- Joe Oppermann
- Jenny Parker
- Sue Ann Pemberton
- Luuk Postuma
- Jennifer Wellock
- Ashley Wilson

10:15am - 10:30pm  
Refreshment Break  
Salon A  

12:00pm - 1:00pm  
Lunch  
Salon A  

3:15pm - 3:30pm  
Refreshment Break  
Salon A
Student Scholar Recipients

The APT Scholarship and Outreach Committee selected the following students to receive an APT San Antonio 2016 Scholarship, which includes Conference registration, one-year membership to APT, the opportunity to present during a paper session, as well as mentoring from a member of the College of Fellows. Please welcome this year’s Student Scholars.

The 2016 Martin Weaver Student Scholarship Recipient

Vishal Joshi
University of Texas at Austin, School of Architecture
CS1.5 - Preserving Nepalese Heritage
Advisor: Michael Holleran, PhD
Mentor: Pamela Jerome

John Arnold
Michigan Technological University
CS2.4 Persistent Infrastructure: Vernacular Preservation of the Postindustrial Landscape
Advisor: Donald Lafreniere, PhD
Mentor: Ilene Tyler

Allyson Bradford
California Poly Pomona
CS2.1 A Layered Approach to the Documentation of Historic Resources
Advisor: Lauren Bricker
Mentor: Anne Weber

Rachelle Byarlay
University of Oregon
CS3.3 Glue-Laminated Timber in the Pacific Coast of the United States: Its Developments, Deterioration, and Preservation Methods
Advisor: Donald Peting
Mentor: Michael Schuller

Brian Cooley
Cornell University
CS4.2 Challenges in the Preservation of Masonry Bricolage
Advisor: Michael Tomlan
Mentor: Tom Taylor

Carly Farmer
Carleton University
CS3.5 Applications of OSCAR: Case Studies From the Classroom and Workplace
Advisor: Mario Santana Quintero
Mentor: Mike Jackson

Jean Jang
University of Pennsylvania
CS1.3 Performance Evaluation of Nanolime As A Consolidant for Friable Lime-Based Plaster
Advisor: Frank Matero
Mentor: Lonnie Hovey

Paula Jarrett Nasta
University of Texas at Austin, School of Architecture
CS5.3 Natural Hair Binders in Historic Texas Vernacular Mortars
Advisor: Frances Gale
Mentor: Nan Gutterman

Andrew Leith
University of Texas at Austin, Historic Preservation
CS2.3 A Preservation in Ruins: The current crisis in ruins preservation requires decisive action. We must create a set of metrics to aid in determining which ruins to preserve and why.
Advisor: Michael Holleran, PhD
Mentor: Michael Tomlan

Evan Oskierko-Jeznacki
University of Pennsylvania
CS5.4 A Computational Simulation Methodology for Reconstructing and Analyzing the Environmental Behavior of Naturally Ventilated Historic Structures and the Role of Adaptive Comfort Strategies in Preservation Design
Advisor: Michael Henry
Mentor: Donald Friedman

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Kristin Potterton  
*University of York*  
CS2.2 Managing the Industrial Ruin in the National Park Context: An Assessment of the Preservation and Conservation Process  
**Advisor: Gill Chitty, PhD**  
**Mentor: Tom Jester**

Caroline Raftery  
*Columbia University GSAPP*  
CS2.4 The Preservation of the Bungalow Courts of Hollywood, California  
**Advisor: Chris Neville**  
**Mentor: Caroline Alderson**

Echo Uribe  
*Goucher College*  
CS5.1 With Soft-Woven Spanish Names: Assessing Historic Preservation Programs In South Texas Border Towns  
**Advisor: Richard Wagner**  
**Mentor: Nancy McCoy**

Casey Weisdock  
*University of Pennsylvania*  
CS1.2 Performance Based Evaluation of Select Salt Crystallization Inhibitors As a Means to Mitigate Salt Damage in Architectural Terracotta  
**Advisor: Frank Matero**  
**Mentor: Frances Gale**

Sarah Yoon  
*Columbia University*  
CS3.1 Cladding the Mid-Century Modern: Thin Stone Veneer-Faced Precast Concrete  
**Advisor: Theodore Prudon**  
**Mentor: Harry Hunderman**

Don’t forget to buy your ticket for the APT Awards Banquet featuring special musical guest, Michel Chatara-Morse on classical guitar! Tickets are available at the APT Registration Desk ONLY until Sunday, October 30!  

**APT Awards Banquet**  
**Supporting the Student Scholarship Fund**  
Join us Tuesday evening at the APT Awards Banquet featuring the Student Scholarship Dessert Fundraiser and help support our students. These generous individuals and organizations led the way by contributing prior to the Conference.*

**APT Delaware Valley Chapter**  
**APT Northeast Chapter**  
**APT Western Chapter**  
Carol Dyson  
Catherine Vieth  
George Wheeler  
Ilene Tyler  
Lesley Gilmore  
Lyles McBratney  
Mary Jablonski  
Mount Ida Press LTD  
Nakita Reed  
Patricia O’Donnell  
Peter Wollenberg  
Ronald Anthony  
Scott Kavalek  
Thomas Boothby  
Timothy Crowe  

**In Honor of the Pemberton-Haugh Family**  
Dean Koga  
Diana S. Waite  
Lesley M. Gilmore & Robert Franzen  
Nathela Chatara  
Oriel Prizeman  
Pat Buchik

It’s not too late to contribute! If you are not planning to attend the APT Awards Banquet. Donations can be made at the Conference Registration Desk.

Thank you for your support!

*At press time*
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The leader in scientific masonry restoration

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QR Scanner to scan someone else’s Information or provide your own digital badge to be scanned by scrolling down to Lead Scanning. It’s like having a digital business card without having to keep track of business cards.
2016 Exhibitors*
Salon del Rey / Exhibit Hall

Exhibit Hall Hours
Monday, October 31, 2:00pm-5:00pm
Exhibit Gala, 5:00 - 9:00pm
Tuesday, November 1, 8:00am - 9:30am Exhibitor’s Breakfast
Extended Exhibit Hall Hours until noon

*At press time
1 - Gladding McBean/Terra Cotta
gladdingmcbean.com/terra-cotta
Gladding, McBean’s extraordinarily dedicated people share a deep commitment to values that guide every aspect of what we do.

3 - Microcotta
conspec-rep.com
ConSpec represents Microcotta, an alternative to Terracotta, Cast Stone and Cast Iron, GSA recommended and Landmark accepted.

4 - Atkinson-Noland & Associates
sms-usa.com
Atkinson-Noland & Associates is a consulting engineering firm specializing in evaluation and retrofit of historic construction.

5 - ABATRON
abatron.com
Abatron, Inc. manufactures and sells easy-to-use restoration products that provide permanent results.

6 - Savannah College of Art and Design
scad.edu
The Savannah College of Art and Design is a private, nonprofit, accredited institution conferring bachelor’s and master’s degrees at distinctive locations and online to prepare talented students for professional careers.

7 - Traditional Cut Stone
traditionalcutstone.com
With the largest number of classically trained stone carvers in North America, we set the standard for heritage masonry restoration and building preservation, using centuries-old stone carving techniques.

8 - Edison Coatings, Inc.
edisoncoatings.com
Manufacturer of customized repair, re-pointing, and re-building mortars, adhesives, breathable coatings, and natural cement for historic concrete, stone, terracotta, and masonry.

9 - Instantel
instantel.com
Instantel monitors are used in over 110 countries in regulatory, construction and geotechnical applications.

10 - Integrated Geotechnical Solutions
igs-inc.com
IGS specializes in pre/post condition documentation and vibration, noise, dust, crack, and settlement monitoring.

11 - Master of Plaster Finishing Systems, Inc.
masterofplaster.com
A boutique firm that handcrafts hydrated lime plasters, Master of Plaster specializes in the restoration and preservation of historic interiors.

12 - Aperam Stainless Services & Solutions
uginox.com
Uginox Stainless steel for roofing and façade, variety of finishes including patina and rolled-on that guide every aspect of what we do.

13 - GeoSonics/Vibra-Tech
vibratechinc.com
Of more than 60 years, GeoSonics/Vibra-Tech has been providing vibration consulting services.

14 - Historic Plaster Conservation Services
historicplaster.com
Historic Plaster Conservation Services USA (HPCS) focuses on the very specific field of architectural plaster conservation.
15 - Boston Valley Terra Cotta
bostonvalley.com
Boston Valley Terra Cotta is the leading manufacturer of custom architectural terra cotta for restoration of historic facades and creation of high performance building envelopes.

16 - Indiana Limestone Company
indianalimestonecompany.com
Indiana Limestone is our Nation’s Building Stone. Used in Commercial & Residential projects since the mid 1800’s.

17 - Phenix Marble
phenixmarble.com
Napoleon Gray and Annellen marble, as well as cut and split stone, from the historic Phenix quarry Missouri.

18 - PULLMAN
pullman-services.com
PULLMAN Specialty Contracting integrates technology-driven, engineered solutions into its industry-leading contracting services.

19 - EverGreene Architectural Arts
evergreen.com
EverGreene Architectural Arts is one of the largest specialty contractors, conservation and architectural arts studios in the United States. servation, restoration or new design.

20 - Void Span
voidspan.com
A developer and manufacturer of specialty anchoring, stabilization and restoration products for the preservation of historic masonry structures.

21 - IBIX North America
ibixusa.com
IBIX North America is headquartered in Tampa, Florida. We supply portable, lightweight, one-man, eco-friendly blast systems.

22 - Mid Continental Restoration Co., Inc.
midcontinental.com
Specialty contractor with expertise in historical masonry restoration. We service eleven states from Canada to Mexico, and the Mississippi River to the Rocky Mountains.

23 - Indow Windows
indowwindows.com
Interior storm windows for historic buildings are a great solution for homes and businesses that need comfort and energy savings without the expense and damage caused by window replacement.

24 - Bonstone Materials Corporation
bonstone.com
If your application involves re-attaching, anchoring, “Dutchman repairs”, crack repair, and patching we will work with you in preserving as much material as possible.

25 - Lanmar Services
lanmarservices.com
Lanmar uses laser scanners to create a 3D collection of points that follow all surfaces with accuracy.

26 - Quintek
quintek.com
The Quintek Corporation is committed to provide cleaning systems to preserve our historic structures and the environment.
27 - John Canning & Company

johncanningco.com

John Canning & Company is dedicated to complete authenticity in historic preservation and restoration, artistic excellence, and the utmost respect for historic and sacred sites.

28 - The Christman Company

christmanco.com

With over 275 experienced full-time professionals, our team of experts, leaders and partners is focused on building more than buildings. With lasting relationships at the center of it all, our proudest moments occur when our partners lean on us for expertise as they dive into their next important project.

29 - D/2 Biological Solutions, Inc.

d2bio.com

We safely remove stains caused by mold, algae & lichen from all exterior architectural surfaces since 1995. Biodegradable.

30 - KEIM

keim.com

Global leader in vapor permeable and non-fading mineral silicate stains and finishes for masonry and concrete.

31 - Cathedral Stone Products

cathedralstone.com

Industry pioneer that bridges past and future with a full line of proven systems for preservation projects including masonry restoration systems, surface preparation products, mineral coatings and masonry staining systems.

32 - PROSOCO

prosoco.com

PROSOCO is a national manufacturer of products for cleaning, protecting, and maintaining concrete; making building envelopes air- and water-tight; and cleaning, protecting and restoring new and existing masonry buildings.

EXHIBIT GALA
Monday, October 31
5:00pm - 9:00pm
Salon del Rey

Network with exhibitors while enjoying delicious appetizers and cocktails. The Exhibit Gala is a festive event which gives you the opportunity to connect with exhibitors, learn about their wares and services, and meet with the key decision makers. No fee required to attend, dress is business casual or come in costume because it’s Halloween!
Professional Travel Grant Recipients

Thanks to the generous and ongoing support of The Getty Foundation, numerous preservation professionals from Latin America and the Caribbean are able to travel to APT’s Annual Conference. ¡Bienvenidos!

Barbara Cortizo de Aguiar
Fundacion Oswaldo Cruz
Rio de Janeiro, Argentina

Duznel Zerquera Amador
Oficina del Conservador de la Ciudad de Trinidad
Trinidad, Cuba

Andres Aninat
Fundacion Altiplano
Arica, Chile

Yamile Rodriguez Asilis
Rofiasi Ingenieraria
Puerto Plata, Dominican Republic

Danae Peguero Bueno
Visanto Properties
Santo Domingo, Santo Domingo Este

Renata Cima Campiotto
Faculdade de Arquitetura e Urbanismo da
Universidade de Sao Paulo
Sao Paulo, Brazil

Zenon Barros Cespedes
Universidad Santo Tomas
Santiago, Chile

David Cohen
Fundacion Erigaie
Bogota, Colombia

Claudia Rodriguez Espinoza
Universidad Michoacana de San Nicolas de Hidalgo
Morelia, Mexico

Rafael Saucedo Flores
Eikon Arte Sacro Instituto Universitario de Posgrados en Alta Direccion
Guadalupe, Mexico

Beatriz Silvia Garzon
Facultad de Arquitectura y Urbanismo, Universidad Nacional de Tucuman
San Miguel de Tucuman, Argentina

Sergio Tomás García Gutiérrez
Unión Nacional de Arquitectos e Ingenieros de la Construcción de Cuba
Pinar del Rio, Cuba

Enrique Segovia Molinas
Universidad Autonoma Metropolitana, Unidad Xochimilco
Mexico City, Mexico

Rodrigo Reis
Newton Paiva
Belo Horizonte, Brazil

Marco Antonio Penido de Rezende
Universidade Federal de Minas Gerais
Belo Horizonte, Brazil

Juan Carlos Rivera Torres
Patrimonio E Ingenieria SAS
Bogota, Cundinamarca, Colombia

Andres Gaviria Valenzuela
Universidad Javeriana
Bogota, Colombia
Track 1 - Spanish Colonial Structures, Traditions and Cultures

Tuesday - November 1 | El Mirador C

9:45am - 11:15am  CS1.1 San Antonio Missions
Evaluating Locally-Sourced Mortar Materials at the Spanish Missions
Presenter: Heather Hartshorn

The Conservation of the Carved Stone Frontispiece at Mission San Jose y San Miguel de Aguayo
Presenter: Ivan Myjer

Preserving the San Antonio Mission Churches: Challenges and Opportunities of Multiple-Site Preservation Management
Presenter: Anna Nau & Rachel Wright

1:15pm - 2:45pm  CS1.2 San Antonio Missions
Conserving the Polychrome Stuccos at Missions Concepcion, San Jose and Espada, San Antonio Texas
Presenter: Angelyn Bass & Keri Stevenson

Performance Based Evaluation of Select Salt Crystallization Inhibitors As a Means to Mitigate Salt Damage in Architectural Terracotta
Presenter: Casey Weisdock

Sophisticated technology: Analyzing pigments at the Alamo
Presenter: Pamela Rosser

The Heart of the Alamo; Technical photography plus Post-image processing techniques used to successfully recover 18th century fresco designs from the Interior Sacristy walls of the Alamo Shrine, SA, TX.
Presenter: Dennis Baltuskonis

3:15pm - 4:45pm  CS1.3 California Projects
Performance Evaluation of Nanolime as a Consolidant for Friable Lime-Based Plaster
Presenter: Jean Jang

The conservation of historic decorative finishes at Mission San Juan Capistrano, Orange County, California: the preservation of fragmentary schemes using traditional lime-based techniques, with a nano lime ‘twist’
Presenter: Rachel Burch

Fibrous Plaster: Specifying Reinforcement Systems for a Robust 19th-c. Technology
Presenter: Kim Lovejoy & Eric Hammarberg

Things change….sometimes for the better! Reversibility, why it matters.
Presenter: Steve Farneth & Naomi Miroglio
Track 1 - Spanish Colonial Structures, Traditions and Cultures  
Wednesday - November 2  |  El Mirador C

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<thead>
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<th>8:30am - 10:15am</th>
<th>CS1.4 Latin America and the Philippines</th>
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<tbody>
<tr>
<td></td>
<td>The Key is Lime: preserving mampuesto wall construction in Cuba’s colonial buildings</td>
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<td>Presenter: Stephen Waite</td>
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<td>Preserving Stonecutting Craftsmanship; Restoration of the Sixteenth-Century Ribbed Vault of the Open Chapel at Teposcolula, Oaxaca, Mexico.</td>
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<td>Presenter: Benjamin Ibarra</td>
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<td>Archaeology of the Urbanism of Santafé de Bogotá: Old aqueducts and sewage systems of the city</td>
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<td>Presenter: Monika Therrien &amp; David Cohen</td>
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<td>Retrofit proposals for the Filipino Spanish Colonial Churches to meet Modern Seismic Demand</td>
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<td>Presenter: Stephen Kelley</td>
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<th>CS1.5 Encounters: Projects involving Diverse Building Materials and Traditions</th>
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<tr>
<td></td>
<td>Restoration of the New York Public Library Gottesman Hall</td>
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<td>Presenter: Jared Shoemaker &amp; Tiffani Simple</td>
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<td>Restoring History: 19th Century Stone Church Receives New Facade</td>
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<td>Presenter: John Grill</td>
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<td>Preserving Nepalese Heritage</td>
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<td>Presenter: Vishal Joshi</td>
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<td>Finding your way home: best practices in preservation documentation</td>
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<td>Presenter: Nakita Reed &amp; Ward Bucher</td>
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</tbody>
</table>
Track 2: Cultural Landscapes: Patterns and Palimpsests

Tuesday - November 1 | El Mirador AB East

9:45am - 11:15am  CS2.1 Mapping Culture, Part 1
A Layered Approach to the Documentation of Historic Resources
Presenter: Allyson Bradford

Stewardship and Preservation in the Layered Landscape: Lessons from Bedford, New York
Presenter: Shelly Smith

The historic walled city of Ajmer, India: A case study in mapping tangible and intangible heritage for conservation planning
Presenter: Oriel Prizeman

Using the ARCHES open source web application as a Cultural Resources Management Tool
Presenter: Carrie Barton

1:15pm - 2:45pm  CS2.2 Mapping Culture, Part 2
Capitol Complexes and Town Squares: The Value of Taking a Cultural Landscape Approach With Historic Civic Architecture
Presenter: Stephanie Phillips

Four Cultural Landscape Reports for the Architect of the Capitol: New Knowledge of the Past Will Guide the Future
Presenter: Martin Shore & Patricia O’Donnell

Macro through Micro: Exploring the Intersection of Technology and Scale for Improved Research, Planning, and Stewardship of Cultural Landscapes
Presenter: Julie McGilvray

Managing the Industrial Ruin in the National Park Context: An Assessment of the Preservation and Conservation Process
Presenter: Kristin Potterton

3:15pm - 4:45pm  CS2.3 Cultural Landscape Typologies: Mound Caves & Ruins
A Preservation in Ruins: The current crisis in ruins preservation requires decisive action. We must begin by creating a set of metrics to aid in determining which ruins to preserve and why
Presenter: Andrew Leith

Ceremonial Cave in Frijoles Canyon - A Chronology of Change
Presenter: Barbara Judy & Sarah Stokely

Cosmological-order, Landscape-order a Typological Framework for UNSECO Poverty Point Cultural Site
Presenter: Cathy Marshall

Effigy Mounds National Monument: Non-Invasive Technologies for Landscape Documentation
Presenter: Stephanie Austin & Albert Lebeau
Track 2: Cultural Landscapes: Patterns and Palimpsests

*Wednesday - November 2 | El Mirador AB East*

**8:30am - 10:15am**

**CS2.4 Interpreting Culture and Heritage**

Cotton River, Market Town: Preserving/Interpreting the Landscape(s) of Slavery at Forks-of-the-Road  
Presenter: Kevin Risk

Guardians of the Harbor: a Stratigraphy of Pensacola’s Coastal Defense Systems  
Presenter: Deborah Slaton & Liz Sargent

Persistent Infrastructure: Vernacular Preservation of the Postindustrial Landscape  
Presenter: John Arnold

The Canadian Prairie: Harnessing the Heritage of Wooden Grain Elevators  
Presenter: Alixandra Piwowar

The Preservation of the Bungalow Courts of Hollywood, California  
Presenter: Caroline Raftery

**10:45am - 12:15pm**

**CS2.5 College of Fellows Roundtable**

Constructive Reflections: An Applicable Method to Assess Historic-Preservation Interventions?  
Presenter: College of Fellows Members
Track 3: Revisiting Mid-Century Modern

Tuesday - November 1 | El Mirador AB West

9:45am - 11:15am  CS3.1 Structural Issues

- Structural Facade Challenges with Mid-Century Modern Buildings
  Presenter: Nancy Hudson

- Cladding the Mid-Century Modern: Thin stone veneer-faced precast concrete
  Presenter: Sarah Yoon

- 3D Modelling of the Historic Saarinen TWA Flight Center at JFK Airport
  Presenter: Ian Buckley & Jason McKenzie

- Analysis and Adaption of Historic Mid-Century Modern Curtain Walls and Skylights for the New Century Use
  Presenter: Richard Renaud

1:15pm - 2:45pm  CS3.2 Windows

- The Lightest Touch: Repairing Custom Mid-Century Windows With a Stock Budget
  Presenter: John Cluver

- Sourcing Modern Materials: Glass Block and Pattern Glass at Gropius House
  Presenter: Edward FitzGerald

- Salk Institute for Biological Studies: Teak Window Wall Conservation Project
  Presenter: Sara Lardinois & Kyle Normandin

3:15pm - 4:45pm  CS3.3 Project Planning

- Brutalism and Field Theory. Walter Netsch and the Rehabilitation of University of Illinois Chicago Art & Architecture Building
  Presenter: Scott Utter & Kelsey Shipton

  Presenter: Cesar Bargues-Ballester

- Glue-Laminated Timber in the Pacific Coast of the United States: Its Developments, Deterioration, and Preservation Methods
  Presenter: Rachelle Byarlay

- Hard Choices: Accommodating Change on Trinity’s Modern Campus through Addition, Renewal and Removal
  Presenter: David Fixler
**Track 3: Revisiting Mid-Century Modern**  
*Wednesday - November 2 | El Mirador AB West*

**8:30am - 10:15am**  
**CS3.4 Residential**

O’Neil Ford’s Exploration of the Solar House  
Presenter: Lauren Bricker

Inside the modern: the conservation of interiors from the 1960s and 1970s  
Presenter: Claudine Deom

Bringing Back the Bendit House - Case Study of an Early Midcentury Modern Restoration/Renovation Project  
Presenter: Steven Curry

The effects of historic designation on midcentury modern neighborhoods in Houston, Texas. A comparative case study that examines valuation trends in the midcentury modern neighborhoods of Glenbrook Valley, and Meadowcreek Village  
Presenter: Cecil Lanoux

**10:45am - 12:15pm**  
**CS3.5 Climate Change**

First Security Bank Building: Repairing hurricane damage to the concrete brise-soleil  
Presenter: Vincent Hauser & John Steinman

Applications of OSCAR: Case studies from the classroom and workplace  
Presenter: Carly Farmer

Let the Sun Shine in: Analysis of solar/thermal-related effects and mitigation options at Donald Judd’s 100 Untitled Works in Mill Aluminum at The Chinati Foundation, Marfa, Texas  
Presenter: Christopher Norton & James C. Parker

The Farnsworth House - Flood Mitigation Plan  
Presenter: Jenna Bresler
Track 4: Concrete: Materials and Innovations

Tuesday - November 1 | La Vista ABC

9:45am - 11:15am  CS4.1 Concrete Repairs

Cinders on Track – Keeping Early Concrete Slabs in Service
Presenter: Derek Trelstad & Renee Beck

Concrete Preservation on Alcatraz Island
Presenter: Tanya Komas

To use cement or not to use cement in preservation: That’s the question
Presenter: Ece Erdogmus & Ariel Kousgaard

1:15pm - 2:45pm  CS4.2 Cast Stone/Pre-cast Concrete

Challenges in the Preservation of Masonry Bricolage
Presenter: Brian Cooley

Hidden in Plain Sight - The Cast Stone of the Coignet Building
Presenter: John Walsh & Mary Jablonsk

Meridian Hill Park, Masterwork in Exposed Aggregate Concrete
Presenter: Judith Capen

3:15pm - 4:45pm  CS4.3 Investigation

Concrete Condition and Durability Assessment of cast-in-place concrete liners within NYC’s historic segmental cast-iron tunnels, using NDE (Non-Destructive Evaluation) techniques and insitu/laboratory materials testing
Presenter: Alexander Bell

Going Digital: Using Photogrammetry to Preserve the Lancaster Hotel Façade
Presenter: Deigo Romero

John Anson Ford Theatres Historic Concrete Restoration
Presenter: Ann Harrer & Jeffrey Caldwell
Track 4: Concrete: Materials and Innovations

Wednesday - November 2   |   La Vista ABC

8:30am - 10:15am  **CS4.4 History and Theory**

- Cement Chemistry for Preservation
  Presenter: Amy Lamb Woods
- Empirical and Rational Methods of Concrete Design: 1890-1980
  Presenter: Thomas Boothby
- Reinforced concrete structures in Belgium: case study of the Dotremont house (1932)
  Presenter: Quentin Collete
- The Concrete Innovations of Joseph Allen Stein in 1950s India
  Presenter: Jeffrey Chusid

10:45am - 12:15pm  **CS4.5 Case Studies**

- Don’t Destroy History!: A testing program to remove layers of graffiti at the Miami Marine Stadium.
  Presenter: Kelly Ciociola
- Drayton Hall: The Failure of Early 20th Century Concrete in a 1740s Plantation House
  Presenter: Craig Bennett
- Sitka Sound Science Center: Renovation of the Historic Concrete Façade and Window Replacement
  Presenter: Paul Gaudette & Rocco Romero
Track 5: Vernacular Heritage: Honoring the Ordinary

Tuesday - November 1 | La Vista DEF

9:45am - 11:15am  CS5.1 Vernacular Philosophy

Concreting A New Vernacular: Postwar transformations in building traditions as evidenced in the case of Puerto Rico
   Presenter: Jorge Ortiz Colom

Creating Strong Vision Plans for Our Vernacular Heritage: A New, “Holistic” Paradigm that helps sustain these important often neglected sites.
   Presenter: Annabelle Radcliffe-Trenner

The Heritage Home Program: Preserving Residential Architecture in Cleveland One House At a Time
   Presenter: Margaret Lann

With Soft-Woven Spanish Names: Assessing Historic Preservation Programs In South Texas Border Towns
   Presenter: Echo Uribe

1:15pm - 2:45pm  CS5.2 Adobe

Characterization and Comparative Analysis of Earthen Plasters from the American Southwest
   Presenter: Douglas Porter

Historic Preservation, Self-Determination, and the Cultural Resiliency of Traditional Pueblo Villages
   Presenter: Shawn Evans

Last Chance Saloon? Attempts to Conserve Cement-mortared Adobe Walls in Marfa, Texas.
   Presenter: John Fidler & Anne Oliver

3:15pm - 4:45pm  CS5.3 Technical Vernacular

Natural Hair Binders in Historic Texas Vernacular Mortars
   Presenter: Paula Jarrett Nasta

Physical Test Cell for Interstitial Monitoring of Replacement Infill Panels for Historic Timber-Frame Buildings in the UK
   Presenter: Christopher Whitman

Capitol Ideas in Cast Iron Restoration and High Performance Coatings : The Project Team Returns After 25 Years
   Presenter: Ronald Staley & Jon Brechtelsbauer

Canvassing the Window and Door Caps
   Presenter: Gregory MacNeil
Track 5: Vernacular Heritage: Honoring the Ordinary

Wednesday - November 2 | La Vista DEF

8:30am - 10:15am

**CS5.4 Technical Upgrades**

A Computational Simulation Methodology for Reconstructing and Analyzing the Environmental Behavior of Naturally Ventilated Historic Structures and the Role of Adaptive Comfort Strategies in Preservation Design
   Presenter: Evan Oskierko-Jeznacki

Considering Current and Future Insulation Materials for Traditional and other Historic Buildings
   Presenter: Marilyn Kaplan

Preparing Traditional Buildings for Climate Change
   Presenter: Jessica Hunnisett Snow

The Development and use of ASHRAE’s GPC 34P, Energy Guideline for Historical Buildings
   Presenter: Amanda Webb

Thermal Upgrade of Historic Metal Windows: Balancing Sustainability and Preservation Goals
   Presenter: Matthew Haberling

10:45am - 12:15pm

**Case Studies in Vernacular Conservation**

A Vernacular Farm Home in the Connecticut Western Reserve of Ohio: The John and Elsa Johnson Home in Hiram, Ohio
   Presenter: Elwin Robison

Making the Old Look Old While Protecting the Artifact: Historic African-American Villages Near Charleston
   Presenter: Ralph Muldrowr

The Cathedral of Ica and the Church of Kuño Tambo in Peru: Using local and traditional materials and techniques for seismic retrofitting historic earthen buildings.
   Presenter: Kelly Wong
CONFERENCE INFORMATION

EVENTS: Unless noted, all APT Conference events will be located at the Hilton Palacio del Rio. The detailed agenda lists all meeting places.

MEALS: Your full Conference registration includes: food served at the Exhibit Gala and continental breakfast on Monday, Tuesday, and Wednesday. FIELD SESSION & WORKSHOP ATTENDEES: See full schedule for details about additional meals.

ATTIRE: Most events call for business casual, the APT Awards Banquet featuring the Student Scholar Fundraiser is cocktail or business attire. Field sessions may combine both indoor and outdoor locations, so it is recommended you dress in layers and wear good walking shoes.

EVENTS WITH FEES: Room permitting, you may still register for a field sessions. Tickets for Special Events (SE) are available at the Registration Desk only until Monday, October 31 at 2:00pm.

APT CONFERENCE OFFICE: Located on the Mezzanine Level

LOST & FOUND: APT Registration Desk, Prefunction

The mobile app has all the features you need to be program book-free, or to supplement this book, including:

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• RCEP professional development hours (RCEP PDHs)
• Canadian Architects - all provinces will accept AIA-approved CEs to fulfill requirements.
• American Society of Landscape Architects (ASLA LUs)

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