



San Antonio
Oct. 30 - Nov. 2, 2016

Preserving heritage with tomorrow's technologies
#APTSA2016

PROGRAM BOOK



Agenda-at-a-Glance (Subject to change)

Registration is located on the Mezzanine Level at the Corte Real Foyer on Saturday, October 29, and the Prefunction area beginning on Sunday, October 30.

Saturday, October 29

9:00am - 5:00pm	Board of Directors Meeting	El Mirador C
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Sunday, October 30

7:30am - 8:15am	Field Sessions Continental Breakfast	Prefunction
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7:45am - 9:00am	Workshops Continental Breakfast	El Mirador Foyer
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8:00am - 4:00pm	Full Day Field Sessions	See Page 4
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8:00am - 4:00pm	Half Day Field Sessions (<i>various times</i>)	See Page 4
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9:00am - 5:00pm	Workshops, Day 1	See Page 5
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10:00am - 3:30pm	PE1: Tee Time at the Historic Brackenridge Course 9:30am - 9:45am Bus Staging in Lobby Bar	Brackenridge Golf Course
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3:00pm - 5:00pm	APT Partnership & Outreach Task Force Meeting	La Condesa
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3:00pm - 5:00pm	50th Anniversary Celebration Committee Meeting	La Reina
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5:00pm - 6:00pm	Student / Mentor Meet & Greet	Stetson
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6:00pm - 7:00pm	SE1: Welcome Reception	La Vista Ballroom
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7:15pm - 8:30pm	KS1: Welcome & Opening Keynote with Lewis F. Fisher	Salon del Rey
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9:00pm - 11:00pm	Educators at APT Networking Event (<i>offsite</i>)	The Liberty Bar
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Monday, October 31

6:15am - 9:00am	Field Sessions Continental Breakfast	Prefunction
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7:15am - 9:00am	Workshop Continental Breakfast	El Mirador Foyer
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8:00am - 4:45pm	Full Day Field Sessions	See Page 6
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8:00am - 5:00pm	Workshops, Day 2	See Page 6
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9:00am - 11:00am	Latin America Chapter Meeting	La Condesa
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1:00pm - 3:00pm	Latin America Chapter Roundtable	El Mirador BC West
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1:00pm - 5:00pm	College of Fellow Business Meeting	La Reina
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2:00pm - 5:00pm	Exhibit Hall	Salon del Rey
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2:00pm - 4:00pm	Technical Committee Meeting - Modern Heritage	La Condesa
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4:30pm - 6:00pm	Training & Education Committee Meeting	La Vista ABC
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5:00pm - 9:00pm	SE2: Exhibit Gala	Salon del Rey
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5:15pm - 6:45pm	Technical Committee Meeting - Sustainable Preservation	La Condesa
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8:00pm - 10:00pm	Student Scholar Practice Sessions	El Mirador AB East & West
9:00pm - 11:00pm	Chapters Mixer	Terrace Garden

Tuesday, November 1

8:00am - 9:30am	SE3: Breakfast with Exhibitors	Salon del Rey
8:00am - 12:00pm	Exhibit Hall	Salon del Rey
8:30am - 5:00pm	Engineering Competition "Official Build Start"	La Corona
9:45am - 4:45pm	Concurrent Paper Sessions	See Pages 22-27
11:25am - 12:10pm	SE4: Preview Lunch & Student Scholar Program	Pavilion – Upper
12:15pm - 1:00pm	Annual General Meeting	Pavillion – Main
5:00pm - 6:30pm	Technical Committee Meeting - Preservation Engineering	La Condesa
5:00pm - 6:30pm	Publications Committee Meeting	Hacienda II & III
5:00pm - 6:30pm	Technical Committee Meeting - Documentation	La Reina
7:00pm - 10:30pm	SE5: Annual Awards Banquet	Salon del Rey

Wednesday, November 2

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

Thursday, November 3

7:30am - 8:15am	Continental Breakfast	Salon A
8:30am - 5:00pm	Symposium	Salon BC
12:00pm - 1:00pm	Lunch	Salon A

**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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Association for Preservation Technology International
3085 Stevenson Drive, Suite 200 • Springfield, IL 62703 USA
Tel: 217-529-9039 • Fax: 217-529-9120 • info@apti.org

www.apti.org | [@APT_Intl_Conf](https://twitter.com/APT_Intl_Conf) | facebook.com/aptpreservation

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

Fran Gale

Sponsor Coordinator

Torrey Carleton

Field Sessions Chair

Bruce MacDougall

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

Anna Nau

James Oliver

Joanna Parrish

Sue Ann Pemberton

Boone Powell

Kathy Rodriguez

Pam Rosser

Monica Savino

Susan Snow

Patrick Sparks

Rachel Wright

Track Coordinators

Doris Eichburg

Susan Bronson

Anna Mod

David Bucek

Berta de Miguel Alcalá

Pamela Jerome

Session Chairs

Caroline Alderson

Emily Ardoin

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

Joe Oppermann

Jack Pyburn

Susan Ross

Deborah Slaton

Susan Snow

Michael Tomlan

Robert Warden

Norman Weiss

Dan Worth

Abstract Reviewers

Emily Ardoin

Matt Bronksi

Wayde Brown

Valentina Cristini

Nicky DeFreece Emery

Diana DuCroz

Andy Ferrell

Andres Gaviria

Kerry Goelzer

Delaney Harris-Finch

Mike Jackson

Hugh Miller

Antonieta Núñez

Joe Oppermann

Gabriel Pardo

Jack Pyburn

Susan Ross

Deborah Slaton

Patrick Sparks

Michael Tomlan

Chris Weibe

Dan Worth

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.

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 III, Beatriz Alba,
Santiago Vargas

Faculty Advisor:

James Glusing

Co-Mentors:

John Cooke & James Maddigan

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/2dulPUP>

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

*Sponsored by
National Center for
Preservation
Technology and
Training*



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

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

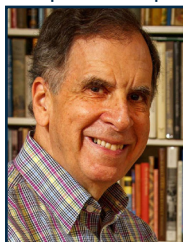
SE1: Welcome Reception

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	Surrounding area east of San Antonio
8:00am - 4:00pm	FS5 - The San Antonio Missions: UNESCO World Heritage Sites	Mission Concepción, Mission San José, Mission San Juan Capistrano & Mission Espada
8:00am - 4:00pm	FS7 - Engineering of Water	San Antonio River
9:00am - 12:00pm	FS8 - Cemex Cement Plant Tour	Cemex Cement
9:00am - 12:00pm	FS9 - The Alamo & The Mission Concepción Frescos Comparison	The Alamo and The Mission Concepción
1:00pm - 4:00pm	FS10 - The Alamo and The Mission Concepción in Scientific Detail	The Alamo and The Mission Concepción
1:00pm - 4:00pm	FS11 - Concrete Innovations	Downtown San Antonio

Workshops Day 2

8:00am - 5:00pm	WS1 - Building Science and Systems: New Approaches and Technologies for Rehabilitating Historic Structures	El Mirador BC East
9:00am - 5:00pm	WS2 - Conservation of Limestone and Sandstone Sculptures and Building Ornament	Mission San José

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*

Atkinson-Noland & Associates, Inc. | Cintec | Emile Gilbert | John Dumsick
Old Structures Engineering PC | The Historic Bridge Foundation | Tom Morrison
Wiss Janney Elstner Associates, Inc | 1200 Architectural Engineers, PLLC

*at press time

Monday, October 31 (continued)

9:00am - 11:00am	Latin America Chapter Meeting	La Condesa
12:00pm - 1:00pm	Workshops Lunch	La Vista ABC
1:00pm - 3:00pm	Latin America Chapter Roundtable	El Mirador BC West
1:00pm - 5:00pm	College of Fellow Business Meeting	La Reina
2:00pm - 4:00pm	Technical Committee Meeting - Modern Heritage	La Condesa
2:00pm - 5:00pm	Exhibit Hall	Salon del Rey
2:45pm - 3:15pm	Refreshment Break	Salon del Rey
4:30pm - 6:00pm	Training & Education Committee Meeting	La Vista ABC
5:15pm - 6:45pm	Technical Committee Meeting - Sustainable Preservation	La Condesa
5:00pm - 9:00pm	SE2: Exhibit Gala	Salon del Rey
8:00pm - 10:00pm	Student Scholar Practice Sessions	El Mirador AB West
9:00pm - 11:00pm	Chapters Mixer <i>Co-Sponsored by John Canning</i>	Terrace Garden

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!



This Year, the Exhibit Gala is on
Halloween Night!
 Join the spooktacular festivities
 and wear a costume!
 There's a huge treat in store for
 one lucky soul!



Exhibit Gala
 Monday October 31
 5:00pm – 9:00pm
 Salon del Rey

Tuesday, November 1

7:00am - 5:00pm	Registration	Prefunction
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	Salon del Rey
8:30am - 5:00pm	Engineering Competition	La Corona

Track 1: Spanish Colonial Structures, Traditions and Cultures

9:45am - 11:15am	Concurrent Session #1.1 San Antonio Missions	El Mirador C
1:15pm - 2:45pm	Concurrent Session #1.2 San Antonio Missions	
3:15pm - 4:45pm	Concurrent Session #1.3 California Projects	

Track 2: Cultural Landscapes: Patterns & Palimpsests

9:45am - 11:15am	Concurrent Session #2.1 Mapping Culture 1	El Mirador AB East
1:15pm - 2:45pm	Concurrent Session #2.2 Mapping Culture 2	
3:15pm - 4:45pm	Concurrent Session #2.3 Cultural Landscape Typologies: Mound Caves and Ruins	

Track 3: Revisiting Mid-Century Modern

9:45am - 11:15am	Concurrent Session #3.1 Structural Issues	El Mirador AB West
1:15pm - 2:45pm	Concurrent Session #3.2 Windows	
3:15pm - 4:45pm	Concurrent Session #3.3 Project Planning	

Track 4: Concrete: Materials & Innovations

9:45am - 11:15am	Concurrent Session #4.1 Concrete Repairs	La Vista ABC
1:15pm - 2:45pm	Concurrent Session #4.2 Cast Stone / Pre-Cast Concrete	
3:15pm - 4:45pm	Concurrent Session #4.3 Investigation	

Track 5: Vernacular Heritage: Honoring the Ordinary

9:45am - 11:15am	Concurrent Session #5.1 Vernacular Philosophy	La Vista DEF
1:15pm - 2:45pm	Concurrent Session #5.2 Adobe	
3:15pm - 4:45pm	Concurrent Session #5.3 Technical Vernacular	

Tuesday, November 1

11:25am - 12:10pm	SE4: Preview Lunch & Student Scholar Recognition Program	Pavillion – Upper
12:15pm - 1:00pm	Annual General Meeting	Pavillion – Main Floor
2:45pm - 3:15pm	Refreshment Break	El Mirador and La Vista Foyers
5:00pm - 6:30pm	Technical Committee - Preservation Engineering Meeting	La Condesa
5:00pm - 6:30pm	Technical Committee - Publications Committee Meeting	Hacienda II & III
5:00pm - 6:30pm	Technical Committee - Documentation Meeting	La Reina
7:00pm - 10:30pm	SE5: Annual Awards Banquet	Salon del Rey



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

7:00am - 5:00pm	APT Registration	Prefunction
7:00am - 7:30am	Chapters Committee Meeting	Salon AB
7:30am - 8:15am	SE6: Chapters Breakfast	Salon AB
7:30am - 8:15am	Continental Breakfast	El Mirador & La Vista Foyers
8:00am - 5:00pm	SE8: Engineering Competition	La Corona

Track 1: Spanish Colonial Structures, Traditions and Cultures

8:30am - 10:15am	Concurrent Session #1.4 Latin America & The Philippines	El Mirador C
10:45am - 12:15pm	Concurrent Session #1.5 Encounters: Projects Involving Diverse Building Materials and Traditions	

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

12:15pm - 12:45pm	Field Sessions Box Lunch Pick-Up	Prefunction
1:00pm - 4:00pm	FS12 - Mission Churches Interiors	Mission Reach area of San Antonio
1:00pm - 4:00pm	FS13 - Thematic Theaters	Downtown San Antonio
1:00pm - 4:00pm	FS14 - Parks & Plazas	Downtown San Antonio
1:00pm - 4:00pm	FS18-Conservation Challenges at The Alamo Shrine	The Alamo Shrine
1:30pm - 5:00pm	FS15 - Enhancing an Historic Modern Campus – Trinity University	Trinity University
4:45pm - 6:00pm	Board of Directors Meeting	La Condesa
5:00pm - 6:00pm	AIA HRC Reception	Terrace Garden
6:10pm - 6:35pm	HABS Peterson Awards	Salon del Rey

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 Granada, 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 Pro-
tecting 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

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

Allyson Bradford

Cal Poly Pomona

CS2.1 A Layered Approach to the Documentation of Historic Resources

Advisor: Lauren Bricker

Mentor: Anne Weber

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

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

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

Brian Cooley

Cornell University

CS4.2 Challenges in the Preservation of Masonry Bricolage

Advisor: Michael Tomlan

Mentor: Tom Taylor

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

Carly Farmer

Carleton University

CS3.5 Applications of OSCAR: Case Studies From the Classroom and Workplace

Advisor: Mario Santana Quintero

Mentor: Mike Jackson

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!

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 Rafferty

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

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.*

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Dean Koga

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Lesley M. Gilmore & Robert Franzen

Nathela Chatara

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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.

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*At press time

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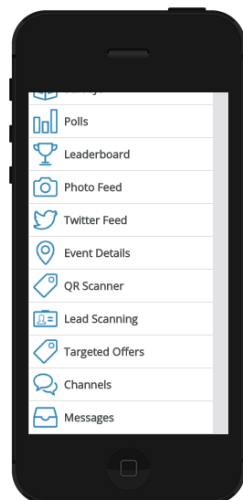
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2016 Exhibitors* Salon del Rey / Exhibit Hall

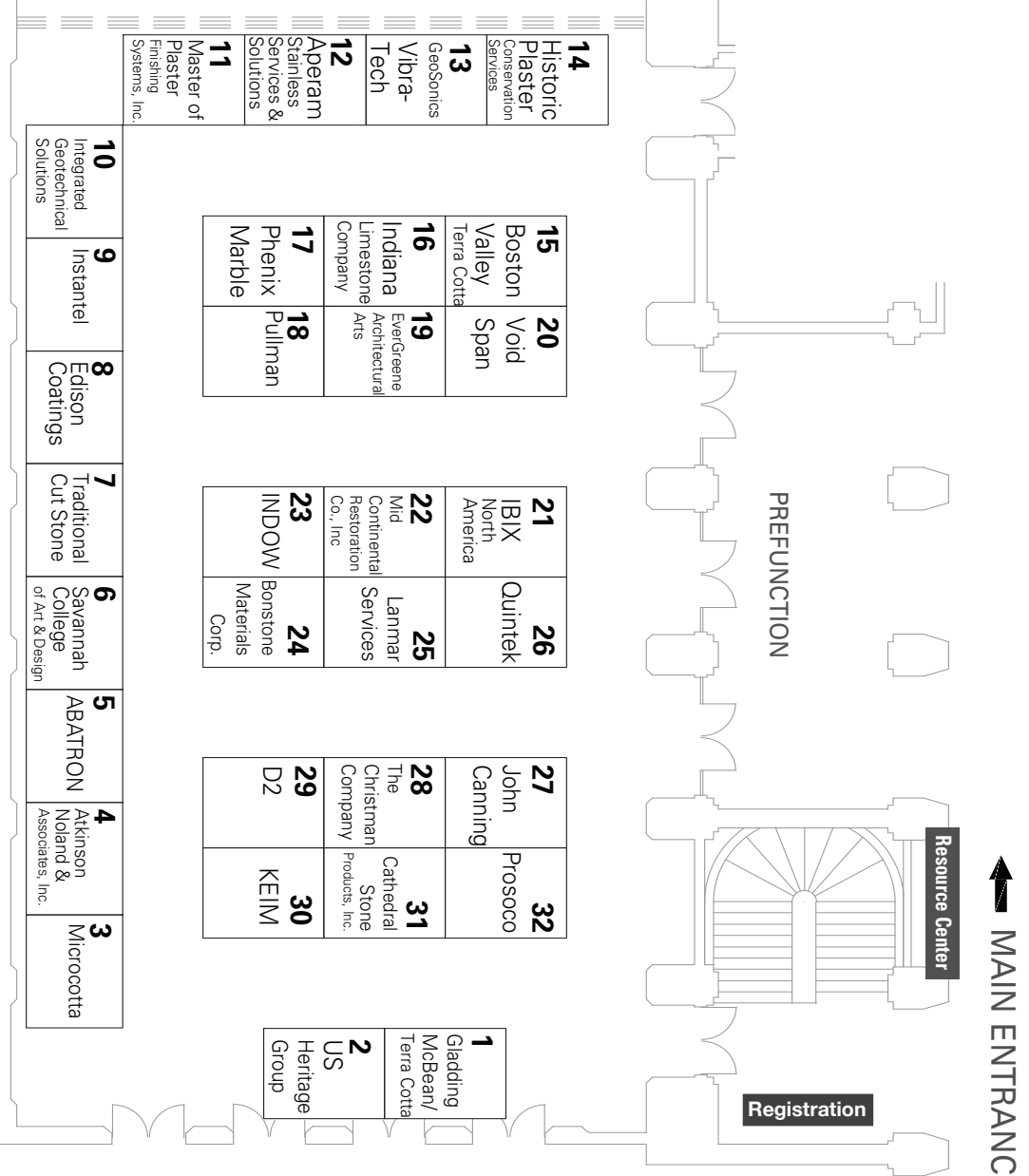
Exhibit Hall Hours

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 Cottabostonvalley.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 Companyindianalimestonecompany.com

Indiana Limestone is our Nation's Building Stone. Used in Commercial & Residential projects since the mid 1800's.

17 - Phenix Marblephenixmarble.com

Napoleon Gray and Annellen marble, as well as cut and split stone, from the historic Phenix quarry Missouri.

18 - PULLMANpullman-services.com

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

19 - EverGreene Architectural Artsevergreen.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 Spanvoidspan.com

A developer and manufacturer of specialty anchoring, stabilization and restoration products for the preservation of historic masonry structures.

21 - IBIX North Americaibixusa.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 Windowsindowwindows.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 Corporationbonstone.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 Serviceslanmarservices.com

Lanmar uses laser scanners to create a 3D collection of points that follow all surfaces with accuracy.

26 - Quintekquintek.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

proso.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!



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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

8:30am - 10:15am

CS1.4 Latin America and the Philippines

The Key is Lime: preserving mampuesto wall construction in Cuba's colonial buildings

Presenter: Stephen Waite

Preserving Stonecutting Craftsmanship; Restoration of the Sixteenth-Century Ribbed Vault of the Open Chapel at Teposcolula, Oaxaca, Mexico.

Presenter: Benjamin Ibarra

Archaeology of the Urbanism of Santafé de Bogotá: Old aqueducts and sewage systems of the city

Presenter: Monika Therrien & David Cohen

Retrofit proposals for the Filipino Spanish Colonial Churches to meet Modern Seismic Demand

Presenter: Stephen Kelley

10:45am - 12:15pm

CS1.5 Encounters: Projects involving Diverse Building Materials and Traditions

Restoration of the New York Public Library Gottesman Hall

Presenter: Jared Shoemaker & Tiffani Simple

Restoring History: 19th Century Stone Church Receives New Facade

Presenter: John Grill

Preserving Nepalese Heritage

Presenter: Vishal Joshi

Finding your way home: best practices in preservation documentation

Presenter: Nakita Reed & Ward Bucher



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: Oriol 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

George Nakashima's Arts Building and Cloister (1963-1967): A Conservation & Management Plan
Presenter: Cesar Bagues-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



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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 Komars

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



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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

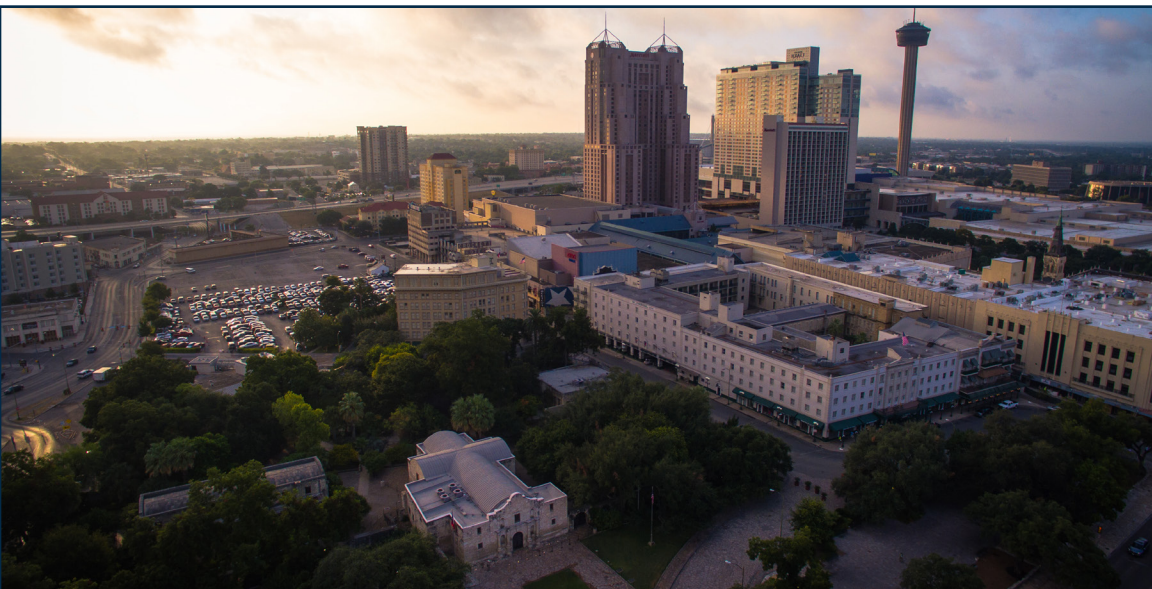
Presenter: Elwin Robison

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

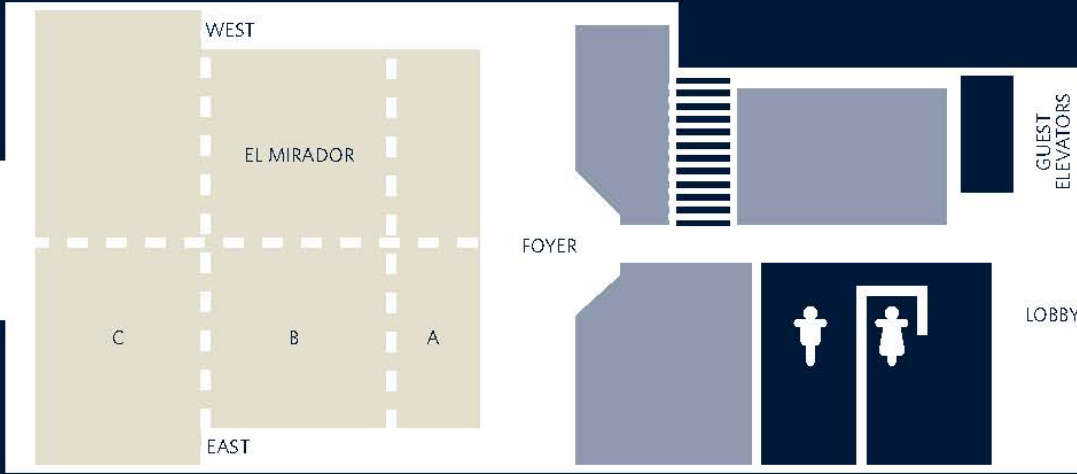
Presenter: Ralph Muldrow

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



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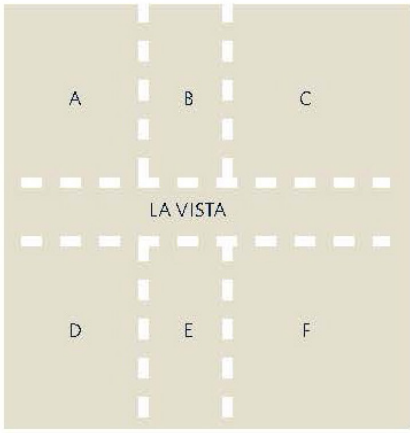


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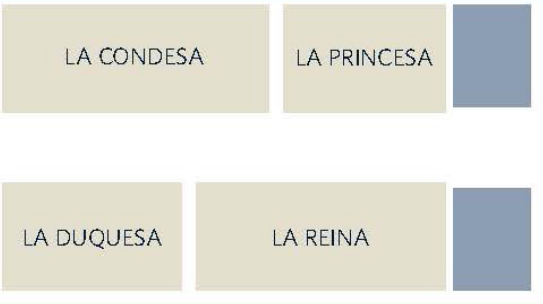
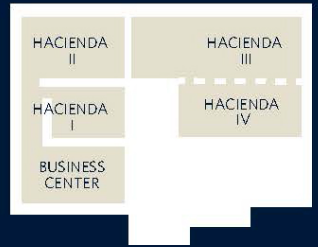


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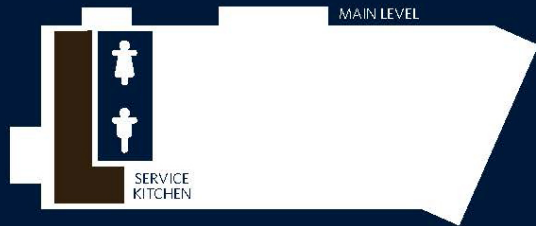
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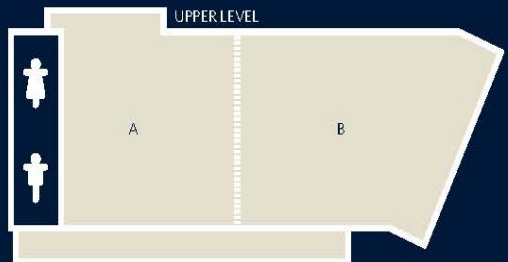


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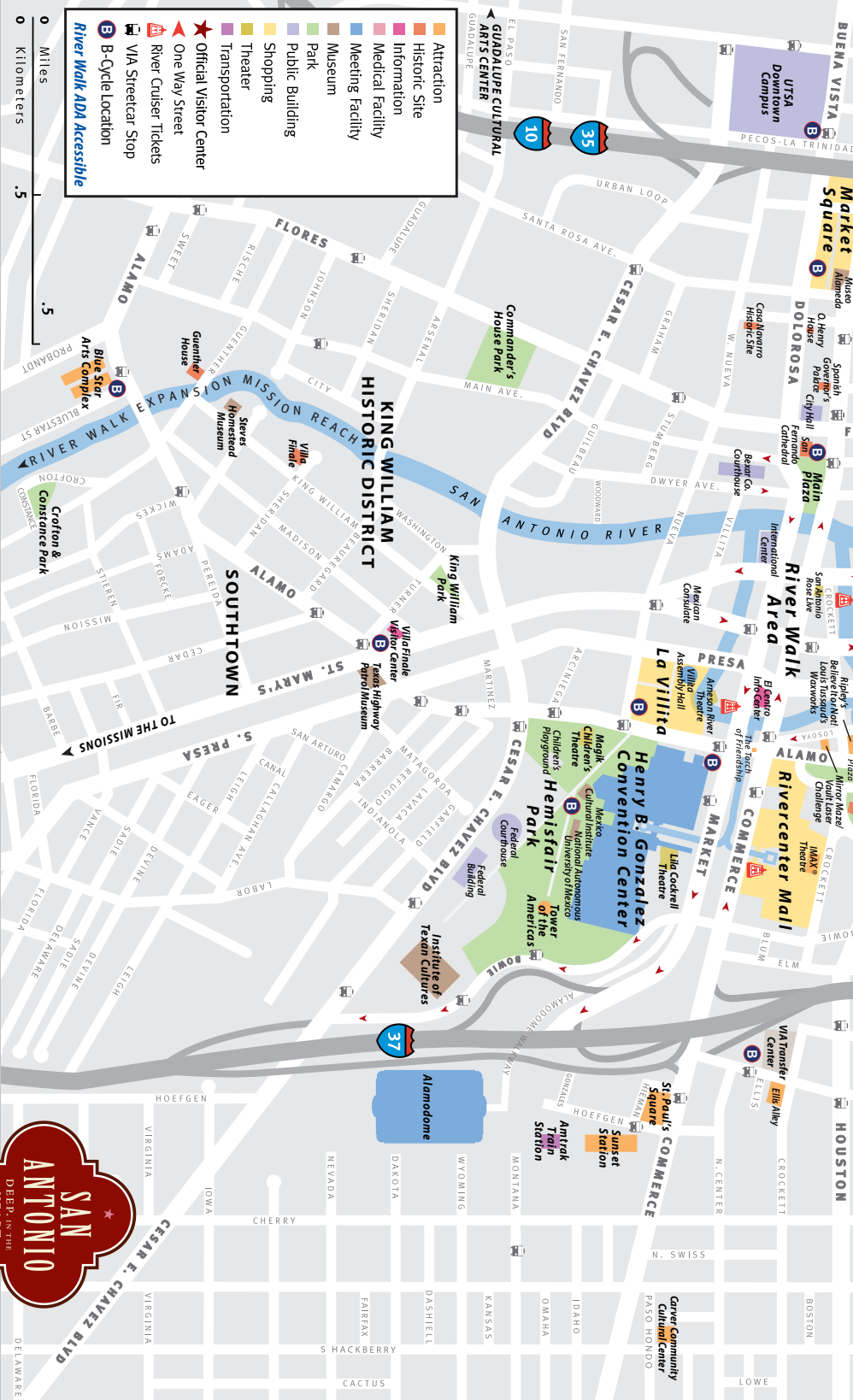


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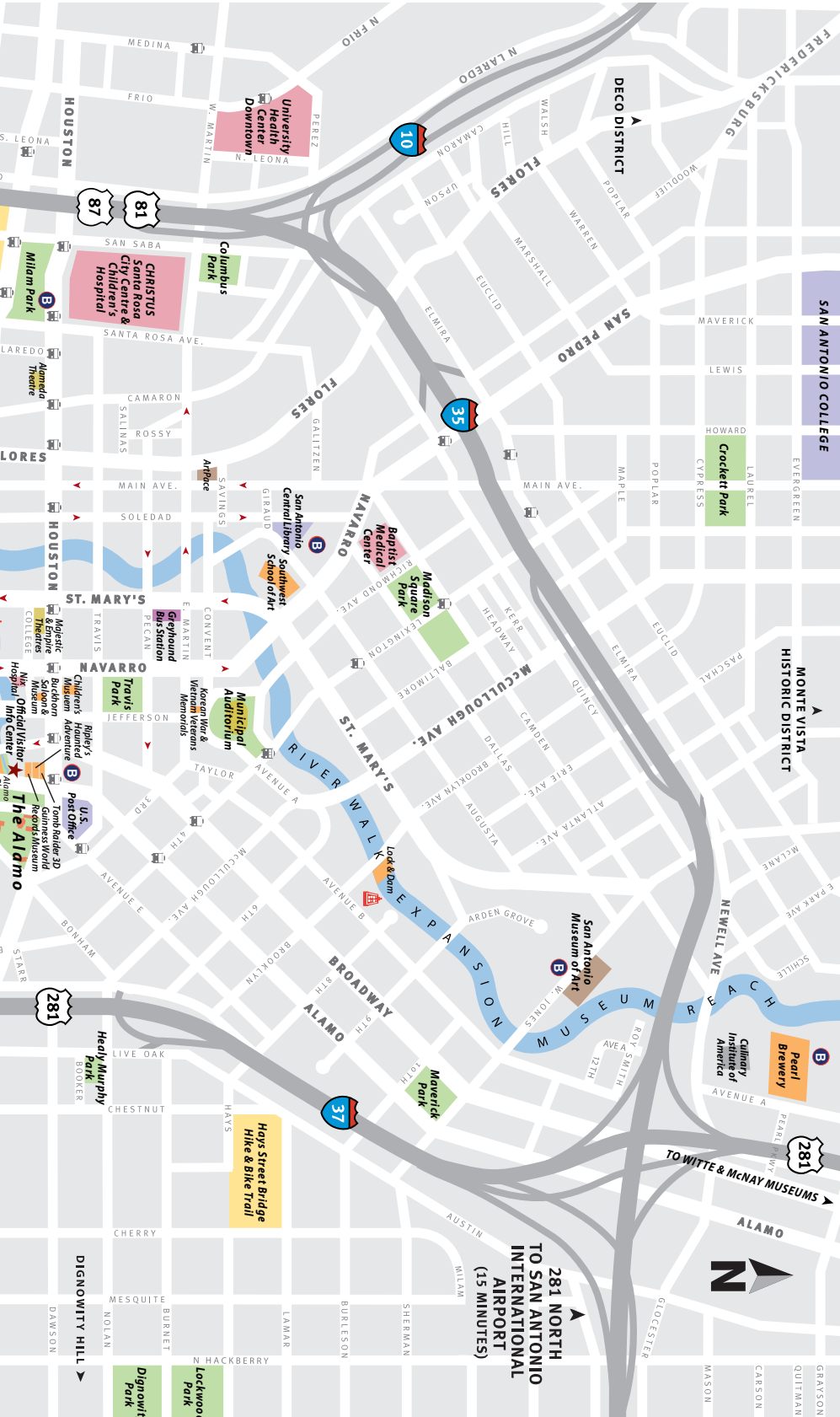
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MONTE VISTA HISTORIC DISTRICT

Crockett Park

San Antonio Museum of Art

Pearl Brewery



281 NORTH TO SAN ANTONIO INTERNATIONAL AIRPORT (15 MINUTES)

Hays Street Bridge Hike & Bike Trail

Dignowitt Park

Lackwood Park

Healy Murphy Park

The Alamo

Municipal Auditorium

San Antonio Central Library

CHRISTUS Santa Rosa City Center & Children's Hospital

Columbus Park

University Health Center Downtown

Deco District

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

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RECIPIENT

Vertical Access and its 1% for the Planet commitment allows APT to continue its efforts to use technology to improve your Conference experience while working to minimize the Conference's environmental impact.

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

- The full event schedule sorted by day, speaker, and track
- The ability to create your own schedule by bookmarking the sessions you want to attend
- Details about all of the exhibitors, sponsors and speakers
- Connect and exchange contact details with other attendees
- Share your event experiences on Facebook, Instagram and Twitter
- Follow the event on Instagram and Twitter at #AP TSA2016
- Maps to find event and exhibitor locations



MOBILE APP

<http://bit.ly/2dulPUP>

Once downloaded using the internet, data is stored on your device making it accessible without a Wi-Fi connection. It will automatically update once reconnected. Free WiFi will be available to conference attendees while at the Hilton Palacio del Rio. Scan the QR Code to access your mobile device's App Store. A Resource Center is available throughout the conference for Mobile App assistance.

Continuing Education: APT is an approved provider for the following professional continuing education credits. Participation (CE) forms are available for each discipline in the APT Registration Area.

- American Institute of Architects Learning Units (AIA LUs)
- 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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