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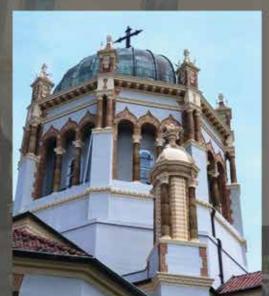




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## WELCOME TO MIAMI!

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On behalf of the Association for Preservation Technology International, I am pleased to welcome you to APT's first conference in Florida. The city of Miami is diverse culturally as well as architecturally, setting the stage for an exciting conference. Miami's subtropical location on the Atlantic Ocean highlights critical issues of climate change, which will be explored in the opening symposium and paper sessions.

Miami is the first conference location for a new APT initiative on community engagement and diversity. Over the past year, a dedicated group of APT members from multiple committees have been working with local students and community members on preservation issues in the Little Haiti neighborhood. At the conference, there will be a field session in Little Haiti, which will be followed by a presentation of the Little Haiti Community Engagement Project at the Little Haiti Cultural Center.

Thank you to Rosa Lowinger and Kyle Normandin, conference co-chairs, the local conference committee and the conference sponsors who made this all possible.

I look forward to sharing a fantastic conference with you!

Kitty Vieth, AIA, LEED AF **APT** President

¡Bienvenidos!

This year's APT Conference tackles the most urgent preservation challenges facing the 21st century; some of these include climate change, tourism, development pressures, and gentrification, and how these forces are shaping heritage places and urban cities around the globe.

Miami is a uniquely diverse city where these issues converge and impact the way people live today. As the conference co-chairs, we are advancing a program of diversity and inclusion that features voices of professionals from across the hemisphere and abroad to engage the current dialogue on future conservation practice and preservation strategies.

We hope you will find our program thought provoking and encouraging, and that you make time to enjoy the sounds and flavors of Miami, the Magic City.

Kombowings kylec. A

Rosa Lowinger and Kyle Normandin Conference Co-Chairs

Committee: Jill H. Gotthelf, APT Conferences Committee Lyles McBratney, APT Conferences Committee Nancy Rankin and Cory Rouillard, Symposium Lurita McIntosh Blank, Programming Committee Paul Gaudette and Kelly Ciociola, Workshops Committee Nina Caruso, Field Sessions Committee For a full list of all the individuals and committees see the mobile app. Biofilm Removal From Thomas Jefferson Memorial, Washington, D.C. 1st 1,000 Square Feet Of Marble Dome Daser Cleaned with the GC-1.

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## **CONTINUING EDUCATION**

APT is an approved provider for the following professional continuing education credits: AIA, ASLA and RCEP. Continuing Education Certificates can be obtained via the mobile app after completing evaluations for each session attended. Hours will be reported to AIA, RCEP or ASLA based on your certificate activity within 60 days of the conference.

- American Institute of Architects Learning Units (AIA LUs)
- Canadian Architects: all provinces will accept AIA-approved CEs to fulfill requirements.
- RCEP Professional Development Hours (RCEP PDHs)
- American Society of Landscape Architects (ASLA LUs)



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## AGENDA-AT-A-GLANCE\*

\* At time of printing. For the most up-to-date agenda, and conference details, download the mobile app . \$ - Additional fee to attend.

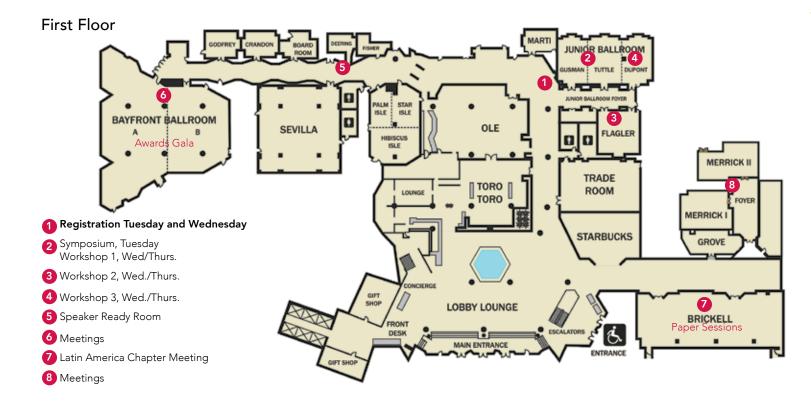
Tuesday, November 19		
7:00am - 6:30pm	Registration	Junior Ballroom Foyer
7:30am - 8:15am	Symposium Continental Breakfast (for Symposium attendees)	Flagler
8:30am - 5:00pm	Symposium: Heritage Values and Climate Action Planning (\$)	Tuttle/Gusman
Wednesday, No	ovember 20	
7:00am - 6:30pm	Registration	Junior Ballroom Foyer
7:15am - 8:00am	BOD Continental Breakfast	Bayfront B
7:15am - 8:00am	WS Continental Breakfast	Junior Ballroom Foyer
8:00am - 5:00pm	Board of Directors Meeting	Bayfront A
8:00am - 4:30pm	WS1: Post-Disaster Safety Evaluations for Existing Structures (\$)	Tuttle/Gusman
8:00am - 4:30pm	WS2: Conservation of Modern Concrete and Terrazzo Flooring (\$)	Flagler
8:00am - 4:30pm	WS3: Understanding the Role of Material Testing in the Preservation Design Process (\$)	Dupont
8:30am - 4:30pm	Various Field Sessions: Meet on 1st Floor (\$)	See page 10
6:30pm - 8:30pm	SE1: Evening Soiree Celebrating 500 Years of Havana History	The Jewel Box
Thursday, Nove	ember 21	
7:00am - 6:30pm	Registration	Mezzanine
8:00 am - 4:45pm	WS1, WS2, WS3	See Wed. Locations
8:30am - 4:30pm	Various Field Sessions: Meet on 2nd Floor (\$)	See page 10
10:00am - 2:00pm	Little Haiti Community Project and Lunch	See page 11
1:00pm - 4:00pm	COF: College of Fellows Business Meeting	Sandringham/Windsor
1:00pm - 4:45pm	PETC Student Workshop	Balmoral
2:00pm - 5:00pm	LAC: Latin American Chapter Meeting	Brickell
2:00pm - 4:00pm	Partnerships & Outreach Committee	Merrick 1
2:00pm - 4:00pm	TC Documentation	Merrick 2
4:00pm - 5:00pm	SSOC: Student Scholar Meet and Greet	Biscayne
5:00pm - 6:30pm	KS1: Welcome and Keynote Address	Chopin
6:30pm - 9:30pm	SE2: Exhibit Gala	Mezzanine
8:00pm -10:00pm	SSOC: Student Scholar Practice 1	Chopin
8:00pm - 10:00pm	SSOC: Student Scholar Practice 2	Biscayne
Friday, November 22		
7:00am - 6:30pm	Registration	Mezzanine
7:00am - 8:15am	Continental Breakfast	Mezzanine
7:00am - 8:30am	Publications Committee	Merrick 1
7:00am - 8:30am	TC Modern Heritage	Merrick 2
7:00am - 8:30am	OSCAR	Sandringham/Windsor
7:00am - 5:00pm	Exhibit Hall	Mezzanine
7:00am - 5:00pm	SE10: Engineering Competition and Getty Posters Display	Grand Ballroom Foyer
APT Miami 2019 • No	vember 19-23	

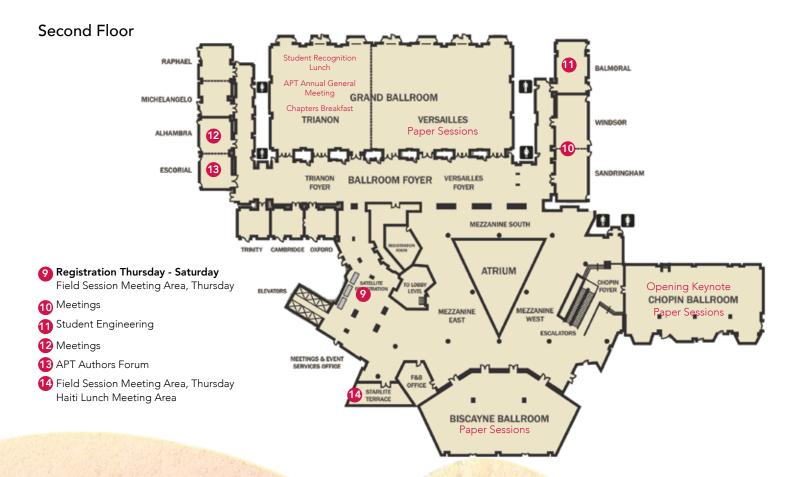
6 APT Miami 2019 • November 19-23

## Friday, November 22

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## HOTEL MAPS





## SYMPOSIUM & WORKSHOPS

#### Tuesday, November 19

**2019 Symposium** (\$) Additional fee to attend. Heritage Values and Climate Action Planning 8:30am - 5:00pm, Tuttle/Gusman, 1st Floor

Sponsored by:

John G. Waite Associates Cructs





A day-long opening symposium will focus on the reciprocal intersections between historic preservation and climate change. How do we capitalize on our expertise in preservation technology to effectively motivate climate action across the world and at multiple scales? Using the 2015 Paris Climate Agreement as a framework, the symposium will identify and highlight the necessary and expanding role of historic preservation in developing climate solutions around climate adaptation, greenhouse gas (GHG) mitigation and planning for loss and damage; stimulating awareness of climate policies and actions; and supporting critical research. Policy and practice examples from south Florida, the Gulf Coast, the Caribbean Islands, Latin America, Great Britain, Italy, the Netherlands, and southern Asia will be featured.

#### Wednesday, November 20 and Thursday, November 21

**2-Day Workshops** (\$) Additional fee to attend. Workshops will take place on the first floor, registration is past the Starbucks® Wednesday, November 20 8:00am - 4:30pm Thursday, November 21 8:00am - 4:00pm

#### WS1: Post-Disaster Safety Evaluations for Existing Structures (ATC-20 SAP and ATC-45)

The workshop will discuss the importance of preservation-minded professionals and contractors in the protection of heritage buildings. In addition to the ATC courses, case studies and strategies will be presented by APT that demonstrate how these assessments can be implemented responsibly with an eye toward minimizing unnecessary restrictions and destruction of these heritage structures. Learning Objectives:

- Educate attendees in the ATC-20 and ATC-45 methods (and manuals) for the performance of rapid building evaluations following high-speed wind, flood and earthquake events.
- Educate attendees on the ATC methods of post-disaster assessment building classification and methods for notification (e.g., posting of classification placards and reporting). Participants will learn how placards are utilized to identify if the building has been inspected, has restricted use and/or is unsafe.
- Specialized training will be provided on the evaluation procedures for essential facilities (e.g., hospitals), non-structural elements, geotechnical hazards and human-behavior following earthquakes.
- Present attendees focused discussion on the assessment of both heritage structures and heritage artifacts following disasters. Covered topics include advanced assessment strategies and available technologies with unique conditions encountered during postdisaster recovery challenges.

#### WS2: Conservation of Modern Concrete and Terrazzo Flooring

The two-day workshop will primarily cover preservation philosophy and approach for modern concrete and cement-based terrazzo flooring systems. Specific topics will include assessment and nondestructive testing, laboratory studies, concrete cleaning, repairs (including matching modern historic concrete), corrosion mitigation, and protection. Learning Objectives:

- Understand the history, manufacture and installation techniques of historic and modern concrete and terrazzo flooring.
- Understand what factors contribute to deterioration of concrete and terrazzo, and how deterioration of these materials can be investigated, evaluated, and analyzed.
- Learn how to develop appropriate repair and conservation strategies and goals for historic and modern concrete and terrazzo.
- Learn various approaches for repair and conservation treatments, how to tailor to specific projects and how they are implemented

#### WS3: Understanding the Role of Material Testing in the Preservation Design Process

The two-day workshop will thoughtfully approach using materials analysis to inform preservation design. Specific topics will address: materials testing philosophy and methods; necessary research and survey before testing; sampling considerations; strategies for efficient data collection; the testing process and standardization in testing; interpretation of test results; communicating with the project team; data interpretation and using the results; and cost, budget, and schedule. Learning Objectives:

- Understand the process of developing a thoughtful testing program including collaborative input from the Project Team: Owner, Architect, Conservator, Scientist, and Contractor.
- Explain what factors contribute to the selection of specific types of testing based on the observed conditions, client needs, project objectives, schedule, and available budget.
- Understand how to develop appropriate questions that materials testing can answer as they relate to the project, building and materials.
- Remember various approaches for testing, sampling, scientific processing and interpreting obtained data and communicating results and recommendations to the Project Team in lucid and useful reporting to move a project forward.

#### Wednesday Field Sessions

Times posted are time of departure from the first floor. Check in at APT Registration. Please arrive 30 minutes prior.

#### **Full Day Field Session**

FS09: Coral Gables

#### Departs 8:15am

Join guides from the Historic Preservation Association of Coral Gables to tour historic home of City founder George Merrick, Coral Gables Congregational Church, Venetian Pool, Coral Cables City Hall, and the Miami-Biltmore Hotel and Country Club.

#### Morning Half-Day Field Sessions

FS01: Vizcaya Museum & Gardens

#### Departs 8:30am SOLD OUT

Vizcaya is one of the United States' most intact architectural examples from the Gilded Age.

## FS02: Downtown Miami Historic Architecture Walking Tour Departs 8:30am SOLD OUT

See Miami's collection of Commercial, Masonry Vernacular, Mediterranean Revival, Art Deco, Art Moderne, Neoclassical Revival and Italian Renaissance Revival buildings built between 1913-1955.

## FS03: Private Stiltsville & Key Biscayne Cruise with Dr. George Departs 8:30am SOLD OUT

HistoryMiami Museum's Resident Historian Dr. Paul George will share the history of Biscayne Bay, and Miami Marine Stadium architect Hilario Candela, will talk about his award-winning modern masterpiece and current conservation plan.

#### Afternoon Half-Day Field Sessions

#### FS04: U of Miami Campus - School of Architecture Departs 12:30pm

This half-daytour of the main Coral Gables campus will be led by faculty from the School of Architecture. The tour will include a visit to the Lowe Art Museum, one of Miami's first art museums.

## FS05: Private Miami River Cruise with Dr. George Departs 12:30pm SOLD OUT

HistoryMiami Museum's Resident Historian, Dr. Paul George will share the story of the Miami River from the late 19th century.

#### FS06: FIU Design Studio + Lincoln Road MDPL Walking Tour Departs 12:30pm

Walk Lincoln Road, a 1960s pedestrian mall by noted Miami architect Morris Lapidus, and a visit to Florida International University's Miami Beach Urban Studios. Led by architect and MBUS director John Stuart, attendees will get a chance to experience MBUS 3D printing laboratories- one of the largest in the United States.

#### FS07: Miami Modernism (MIMO) Bus Tour Departs 12:30pm

Learn about this special architecture and the elements that make MIMO. Tour the Miami Beach MIMO District plus the Miami MIMO Biscayne Corridor to see this special architecture. Projects include Miami Beach's famed Fontainbleau and Eden Roc Hotels, plus newer restorations including the Hotel on Biscayne.

#### FS08: Wynwood Walls Graffiti Tour

Departs 2:30pm SOLD OUT

See the transformation of the once rundown district of Wynwood into the internationally renowned "Wynwood open-air museum".

#### **Thursday Field Sessions**

Times posted are time of departure from the second floor. Please arrive 30 minutes prior.

#### Morning Half Day Field Sessions

FS10: Private Little Havana & Overtown Walking Tour Departs 8:30am SOLD OUT

Walk down the vibrant Calle Ocho. Discover the significance of the Ceiba Tree, Cuban music and dance, learn the art of cigar making.

#### FS11: Buena Vista & MIA Design District Departs 8:30am SOLD OUT

Walk the historic tropical HPOZ, and continue with a tour led by the district's curator Tiffany Chestler. See how the developers used cutting edge materials to showcase fashion and artworks.

#### Afternoon Half-Day Field Sessions

#### FS17: Glam Hotels

#### Departs 12:30pm SOLD OUT

Learn about the Miami Beach glam hotels of the 30s, 40s and 50s and experience the vibrant energy that fills the streets of South Beach.

#### FS12: Art Deco & The Wolfsonian Departs 12:30pm SOLD OUT

Visit the 1927 Washington Storage Company, a Mediterranean Revival building that currently houses the Wolfsonian Museum of Decorative and Propaganda Arts. Walk along Ocean Drive, Collins and Washington Avenues.

## FS13: Private Island of Biscayne Bay Cruise with Dr. George Departs 1:00pm SOLD OUT

HistoryMiami Museum's Resdient Historian, Dr. Paul George will share the rich history of Fisher Island, once owned by Miami'sfirst African American millionaire, D.A. Doresey. See Flagler Memorial Island, and Plam Island.

#### Full Day Field Sessions

## FS14: Missiles and Modernism in the Everglades Departs 8:30am

The tour will visit the National Register-listed HM-69 Nike Missile Site, and then travel to the Flamingo Developed Area to view the National Park Service Modernist planning and architecture. National Park Service cultural personnel will participate in the tour and discuss challenges and current planning to address threats to natural resources and the cultural landscape.

#### FS16: Miami's Contemporary Architecture Bus Tour Departs 8:30am

The Miami skyline features contemporary architectural designs by the notable architects; world classes masters like Herzog & deMeuron, Zaha Hadid, Norman Foster, Rem Koolhaas, Architectonica, Frank Gehry, BIG-Bjarke Ingels Group, Renzo Piano and renowned "starchitects". Tour the buildings along Biscayne Boulevard, Brickell Avenue and in Miami Beach that incorporate the latest in technology, art, sustainability and engineering.

# SPECIAL EVENTS (SE) & NETWORKING

#### Wednesday, November 20

SE1: Evening Soiree Celebrating 500 Years of Havana History at the Jewel Box

6:00pm - 9:00pm FULL

Attendees must have pre-registered for this event, no additional capacity is available. Transportation to the venue is on your own.

#### Thursday, November 21

KS1: Welcome and Opening Keynote 5:00pm - 6:30pm, Chopin Keynote: Gustavo Araoz, ICOMOS



Gustavo Araoz will reflect on what can be done and what is being done to meet the challenges posed by the double moving target of preserving heritage as understood today, whose nature and values are constantly evolving and doing so under the difficult circumstances resulting from the four themes being explored in this year's conference. While the effects of climate change in warm weather

coastal regions threatens heritage places, they also threaten the very existence of the human settlements. The topic of sustainable conservation has been permanent concern in all heritage conservation theories, having been embedded in the Venice Charter of 1964 and even before. The conservation of modern and post-modern heritage is new phenomenon that allows living generations to decide which of its accomplishment will be entrusted for the future to preserve as the heritage of tomorrow. Fourthly, the challenges presented by diversity, population change, and gentrification in the preservation dialogue, while also an old issue, will grow increasingly more contentious as previously invisible stakeholder communities acquire ever greater power to identify, define and manage their communal heritage.

#### SE2: Exhibit Gala and Welcome Reception

#### 6:30pm - 9:30pm, Mezzanine

Join us right after the opening keynote in the Mezzanine for our Exhibit Gala. Network with fellow attendees and find out about the services and products our exhibitors will be showcasing while enjoying appetizers and libations. Grab a bite and some great info tonight! Free to all registered attendees. Cash bar.

#### SE3: Chapter's Mixer at the Wolfsonian

#### 9:00pm - 11:00pm FULL

Attendees must have per-registered for this event, no additional capacity is available. Transportation to the venue is on your own.

#### Friday, November 22

#### SE5: APT Student Recognition Lunch

12:15pm - 1:30 pm, Trianon

(\$) Additional fee to attend.

Join us as we recognize the 2019 Student Scholars, their mentors and school advisors as well as the 2019 Student Design Build Competition Teams. Tickets, if available, may be purchased at the APT Registration desk during normal hours. The APT Annual Meeting will immediately follow the luncheon.

#### **APT Annual General Meeting**

1:30pm - 2:45pm, Trianon

In additional to APT updates, meet the 2019 APT recognized professionals and get a sneak peek at the 2020 joint conference with National Trust for Canada! Open to all attendees.

#### SE6: Emerging Professionals Mixer

7:00pm - 7:30pm, Michaelangelo/Raphael (\$) Additional fee to attend. SOLD OUT The Technical Committee on Modern Heritage invites you to come meet APT members and learn how to become more involved in the committee!

#### CP1: Tour of Little Haiti

#### 9:45am - 12:00pm FULL

Please join APT in our celebration with the CLEO Institute, the University of Miami, the City of Miami, La Perle de Miami, and the residents of Ti Ayiti (Little Haiti) to highlight the collaborative efforts to keep the historic Little Haiti neighborhood intact. The goal of this initiative was to highlight the cross roads of preservation, sustainability and resiliency, and empower local community members through workshops and educational engagements. APT members led teams of students and community members in the assessment of historic residential properties to identify significant historic features and inherent sustainable design elements, identification of vulnerabilities and threats, and development of cost effective upgrades for enhanced performance and increased resilience. Building upon this effort, these residences are eligible for grants from the City of Miami for resilience upgrades. Little Haiti is the pilot project for APT's Community Engagement initiative, designed to deepen the relationship between APT and the local community where we hold our annual conference.

#### CP2: Little Haiti Cultural Center Lunch and Celebration 12:00pm - 2:00pm LIMITED SEATING

Initiative leaders will review the project from the Little Haiti Cultural Center's Market Place, with local vendors available. Local dance and music will accompany the presentations of UM students, and project finding. Free to attend, but registration is required. Meet at the Starlight Terrace (2nd floor) at 11:30am for transport.

#### SE7: AIA-HRC Reception

6:00pm - 6:45pm, Grand Ballroom Foyer

Historic Resources Committee an AIA Knowledge Community The AIA Historic Resources Committee invites you to join them for a cocktail before the HABS/Peterson Awards and the College of Fellows Installation and Keynote. Open to all attendees, cash bar available.

## of Architects

SE8: HABS/Peterson Awards Presentation 7:00pm - 7:30pm, Versailles

The winning team of the Peterson Prize Measured Drawings Student Competition will be presented as well as a slide show of the winner's drawings. The prize honors Charles E. Peterson, FAIA, founder of the Historic American Buildings Survey (HABS), and is intended to increase awareness, knowledge, and appreciation of historic buildings, structures, and cultural landscapes throughout the United States.

## SPECIAL EVENTS (SE) & NETWORKING

#### Friday, November 22

KS2: College of Fellows Keynote and Installation7:30pm - 9:00pm, VersaillesSponsored byKeynote: Tracy MetzICDTIPAL





Sweet and Salt, cultural and engineering lessons from the Dutch in a time of global climate change.

What is so special about the Dutch approach to water management? Why does the call 'Bring in the Dutch!' ring out in so many countries across the world when they are hit by floods? This talk will address the distinguishing cultural and

engineering aspects of Dutch water management. One of those aspects is sheer experience: the Netherlands has out of necessity become masters of the waters, given that a third of the country is below sea level. Throughout its history, the country has developed a highly sophisticated system of defense from the sea and the rivers that flow it from the European hinterland to the North Sea. This man-made landscape does, however, require continual tuning and maintenance. And as the climate changes, the Dutch are discovering that centuries of intervention in the landscape and the underlying natural systems are not without consequences. They are therefore now looking to formulate a new relationship to water called 'building with nature': less defensive, more accommodating, allowing controlled flooding and creating more space for water in the cities.

#### Saturday, November 23

SE9: Chapters Breakfast Meeting,
7:00am - 8:30am, Trianon
(\$) Additional fee to attend.
Rise and shine, grab a great breakfast and connect with professionals from the APT Chapter that represents your geographical

## COMMITTEE MEETINGS

All APT members can join and participate in committee meetings. It is a great way to share your talents and get involved!

Thursday, November 21		
2:00pm - 4:00pm	Partnerships & Outreach	Merrick 1
2:00pm - 4:00pm	TC-Documentation	Merrick 2
Friday, November 22		
7:00am - 8:30am	Publications	Merrick 1
7:00am - 8:30am	TC-Modern Heritage	Merrick 2
7:00am - 8:30am	OSCAR	Sandringham
12:15pm - 1:30pm	ZNCC: Collaborating Toward Net Zero	Merrick 1
12:15pm - 1:30pm	TC-Materials	Sandringham/Windsor
4:30pm - 6:00pm	Training & Education Committee	Merrick 1
4:30pm - 6:00pm	TC-Preservation Engineering	Merrick 2
4:30pm - 6:00pm	Membership	Trianon
4:30pm - 6:00pm	TC-Codes	Alhambra
4:30pm - 6:00pm	Student Scholar Outreach Committee	Sandringham/Windsor
4:30pm - 6:00pm	TC-Sustainable Preservation	Bayfront A

area, as well as members from other chapters. Space permitting, tickets may be purchased at registration.

#### APT Author's Forum

12:15pm - 1:15pm, Escorial/Alhambra

APT will be hosting its first forum for APT members who are authors to present their recently published books. The books to be presented are from authors and members attending the conference who have written and published their work within the last two years. Please join us for this exciting opportunity to meet with the authors and learn more about their research and writing. Bring your lunch and join in on the conversation.

#### SE11: APT Annual Awards Banquet

6:00pm - 11:30 pm, Bayfront Ballroom, 1st floor
(\$) Additional fee to attend.
6:00pm Cocktails
6:30pm Salsa dance lessons
7:00pm Dinner Program
8:30pm Live Auction

A banquet, a view and a chance to bid on something too! Join us to recognize the work and accomplishments of our APT members. Afterwards, we will have an auction to support the student scholar program, but instead of dessert, it will be destinations! Here is a sampling of what you can bid on:

- 1 Week guest house stay in Miami Florida
- 1 Week guest house stay in Los Angeles, CA
- 2 nights in a Historic Hotel in Miami
- 2 nights at the historic Chattauqua Hotel, Boulder, CO
- 1 Week villa stay in Latina Italy
- 1 Week stay at the Captiva Island House, Captiva Island, Florida
- A Velvet Rope Gamble House Tour, Pasadena, CA

• 2020 APT Edmonton Conference Package, 4 nights+registration Dress up, raise a glass, and celebrate with us! Cocktail attire optional.

## PLENARY SESSIONS

#### Friday, November 22

PL1: Plenary (Track 1) Effects of Climate Change in Warm Weather Coastal Regions 8:30am - 10:00am Brickell, 1st Floor

This plenary session will describe how climate change is projected to affect coastal areas, the data being used to make these predictions, methods for assessing the vulnerability of cultural heritage, and ways that communities are adapting to expected changes. The session will include a few iconic cities as examples, including Miami, Rome, Florence, and the broader Caribbean region. Speakers will discuss what these communities are doing to create plans for adapting to projected climate change and how they are incorporating the value of cultural heritage into such plans.

Session Chair: Rita Teutonico

Presenters:

Todd Crowl

Fernando Nardi

Fabio Castelli

Susanne Torriente

PL2: Plenary (Track 2) Sustainability and Conservation of Built Heritage in the Americas

8:30am - 10:00am Chopin, 2nd Floor

Come Rain or Shine–A conversation on the effects of climate change and tourism on the ongoing stewardship of La Habana, Cuba; Trinidad, Cuba; and Cartagena de Indias, Colombia. The topics of this panel discussion will range from the presentation of speculative remedial projects to a discussion of data banks and resources for climate effects on the subject cities and an ongoing discussion on conversation and management techniques as part of stewardship responsibilities.

Session Chair: Jorge Hernandez

Presenters:

Nancy Benitez

Universo Garcia

José Martin-Caro

Edith Salas

#### PL3: Plenary (Track 3) New Frontiers for the Preservation: Conserving the Modern City

8:30am - 10:00am Versailles, 2nd Floor

The plenary session builds on a dialogue captured during the international conference held in Casablanca in 2018 titled "Conserver la ville moderne [Preserving the Modern City]". Representatives emphasized how modern architecture was implemented within the historic context rather than against it. This session proposes to extend the discussion to the modern urban context inherent in Latin American cities and specifically those where modern architecture has strongly contributed to their contemporary urban landscape.

Session Chair: Jean-Francois LeJeune

Presenters: Carlos Eduardo Comas Farés el-Dahdah Pablo Guiraldes Danae Peguero Bueno

#### PL4: Plenary (Track 4) Giving Voice and Agency to Others in a New Era of Preservation Practice

8:30am - 10:00am Biscayne, 2nd Floor

The plenary will explore issues regarding the representation and participatory role of diverse publics in shaping conservation decision-making. This session will examine how more inclusive approaches to preservation can move beyond information gathering and toward shared decision-making with diverse and multigenerational publics. It will also consider how questions of equity and social impact can inform preservation strategies, from technical research to regulatory policy. Cases will illustrate the evolving nature of inclusive practice in differing geo-cultural contexts, including urban and rural, and at varying political scales, local to national. Through these examples and robust exchange among the speakers, this session will explore the challenges and opportunities ahead for re-imagining the role and uses of heritage in the social and physical fabric of communities.

Session Chair: Erica Avrami Presenters: Brent Leggs Theresa Pasqual Claudia Guerra

#### Saturday, November 23

PL5: COF Roundtable and Discussion - Post-Disaster Mitigation Strategies for Cultural Heritage Sites 8:30am - 10:00am Versailles, 2nd Floor

This roundtable will explore how different sites and communities in the Caribbean and Americas have had to confront these critical issues. The panel will focus on the challenge of preserving indigenous architecture, landscapes and communities in the face of mounting natural and human threat. Instances where repair and reconstruction have led to greater visibility for previously ignored cultures and communities will be discussed. As a follow-up to the 2018 COF roundtable in Buffalo, the panel will delve into the complexities of recovery, rehabilitation, and reconstruction of damaged or destroyed sites, and how the questions and challenges that arise go well beyond authenticity and integrity.

Session Chair: Gustavo F. Araoz Presenters: Melyvn Green Lauren Hall Michael Schuller

## PAPER SESSIONS

<b>Track 1</b> Effects of Climate Change in Warm Weather Coastal Regions <b>CS1.1</b> Projections of Climate Change	Track 2 Sustainability and Conservation of Built Heritage in the Americas CS2.1 Building Resiliency in Pre-colonial, Maritime and Post- colonial Heritage Sites Affected by Climate Change, Part1
BRICKELL, 1st Floor	CHOPIN, 2nd Floor
10:30am - 12:00pm	10:30am - 12:00pm
Session Chair	Session Chair
Rita Teutonico	Andrés Aninat
A Systematic Review of Wall Insulation Retrofit	Collaborative Diagnosis and Intervention for the
Guidelines and Practices in Historic Buildings	Conservation of Earthen Architectural Heritage in the
in North America	Andean Highlands (Jujuy, Argentina)
Presenter	Presenter
Daniel Castele	Jorge Tomasi
Emergence of Synthetic Binders and Pigments in Building Materials and Their Identification Using the Example of Two Ukrainian Settlement Vernacular Wood Houses in East-Central Alberta	Indoor Environmental Quality and Energy in Built Heritage: Holistic Retrofit Performance Prediction Methodology
Presenter	Presenter
Anna Magdalena Hubmann	Adrian J. Soble
Flood Vulnerability Assessment and Visualization for Historic Coastal Communities: Cedar Key, Florida, and Nantucket, Massachusetts	Resilience and Sustainability of Heritage Buildings in Argentina: The Refuncionalizacion as a Support
Presenters	Presenters
Sujin Kim	Beatriz S. Garzón
Morris Hylton	Amalita Fernández
The Effects of Casein Protein Additive in Historic Lime Mortar	Temporary Use: A Conservation Strategy for Historic Buildings in Vacancy In the Colonial City of Santo Domingo, The Dominican Republic
Presenter	Presenter
Kristian Falkjar	Danae Peguero Bueno

## FRIDAY, 10:30am - 12:00pm

Track 3 Conservation of Modern and Post-Modern Heritage

**CS3.1** Miami Marine Stadium: Preserving a Modern Concrete Icon

> VERSAILLES, 2nd Floor 10:30am - 12:00pm

> > Session Chair Rosa Lowinger

Miami Marine Stadium: Preserving a Modern Concrete Icon

> Presenters Hilario Candela Paul Gaudette Richard Heisenbottle Deborah Slaton

**Track 4** Diversity, Population Change, and Gentrification in the Preservation Dialogue

> **CS4.1** Social and Economic Impacts of Preservation

#### BISCAYNE, 2nd Floor 10:30am - 12:00pm

Session Chair Frank Sanchis

The Causality of Preservation and Gentrification: A Case Study

> Presenter Tiffani Simple

Linking Public Health Issues with Heritage and Conservation

Presenter Bryan Orthel

Accessibility Improvements to Historic Structures

Presenter Amy Gilbertson

Gentrification and Preservation: Does One Follow the Other?

> Presenter Caroline Wilson

## PAPER SESSIONS

Track 1	Track 2
Effects of Climate Change in Warm Weather	Sustainability and Conservation of Built Heritage
Coastal Regions	in the Americas
CS1.2	CS2.2
Zero Net Carbon Collaborative for Existing and	Conservation Management Planning Strategies and
Historic Buildings (ZNCC)	Building Resiliency for Colonial Historic Centers
BRICKELL, 1st Floor	CHOPIN, 2nd Floor
3:00pm - 4:30pm	3:00pm - 4:30pm
Session Chair	Session Chair
Carl Elefante	Annabelle Claire Radcliffe-Trenner
Building Reuse – Why Reusing and Decarbonizing	Condition Assessment of Timber in Himalayan
Existing Buildings is a Critical Climate Action Strategy.	Architecture: Case of Mrikula Devi Temple
Presenter	Presenter
Larry L. Strain	Maanvi Chawla
In Situ U-Value Monitoring of Historic Building Walls in Cincinnati's Over-the-Rhine Neighborhood	Evaluation of Comparative Repair Methods for Stone
Presenter	Presenter
Miriam Martinez	Wei Luo
Leveraging the Historic Built Environment to Meet Carbon Reduction Targets: a Balancing Act of Embodied Carbon, Energy Retrofits, and Conservation	Heritage Clay Brick Hygrothermal Material Properties Archive and Insights
Presenter	Presenter
Lori Ferriss	Randy Van Straaten
The Role of the Historic Environment and Achieving the Decarbonization Objectives of the Paris Agreement: An Overview	Resurrecting Historic Graveyards in Jamaica
Presenter Andrew S. Potts Sanskriti Singh	Presenter Mary A. Jablonski

FRIDAY, 3:00pm - 4:30pm

Track 3 Conservation of Modern and Post-Modern Heritage **Track 4** Diversity, Population Change, and Gentrification in the Preservation Dialogue

**CS3.2** Modern Urban Plazas, Monuments, and Public Spaces **CS4.2** Participation and Public Engagement

VERSAILLES, 2nd Floor	BISCAYNE, 2nd Floor
3:00pm - 4:30pm	3:00pm - 4:30pm
Session Chair	Session Chair
Pamela Jerome	Ethan J. Boote
Heritage Agencies and the Preservation of Brazilian Modern Masterpieces	Beyond Aesthetics: Social Outcomes of Adaptive Reuse
Presenter	Presenter
Carlos Eduardo Comas	Allison Fricke
Preservation Moon: Defining and Preserving the Cultural Landscape of Tranquility Base	Chicago's Pilsen Historic District: Immigration, Ethnic Succession, Political Expression & Public Art, Gentrification, and Preservation
Presenter	Presenter
Karen Kincaid Brady	Andrea Terry
The Future of a Modern Atlas: Addressing an Iconic Mixed-use Modern Building in the Context of a World Heritage Historic City Center in Lima, Peru	The Act of "Talka" in Historic Preservation Discourse in Contemporary Latvia
Presenter Rosabella Alvarez-Calderon David Fixler	Presenter Katarzyna Burzynska
The School of Art in La Havana: An Organic	Toward Inclusion in Preservation: Reconciling Policy,
Architectural Complex	Practice, and Public Perceptions
Presenter	Presenter
Andrea Griletto	Erica Avram

## PAPER SESSIONS

Track 1	Track 2
Effects of Climate Change in Warm Weather	Sustainability and Conservation of Built Heritage
Coastal Regions	in the Americas
CS1.3	CS2.3
Selected Case Studies and Approaches in	Stewardship of Pre-colonial Indigenous Sites
Climate-Related Resiliency	Across the Americas
BRICKELL, 1st Floor	CHOPIN, 2nd Floor
10:30am - 12:00pm	10:30am - 12:00pm
Session Chair	Session Chair
Sonia Chao	Jeanne Marie Teutonico
Moveable and Immoveable Heritage in the Face of Climate Change: Collaborative Education Strategies for Buildings and Collections	Performance Evaluation of Amended Earthen Mortars at Wupatki National Monument
Presenter	Presenter
Jessica Unger	Caroline P. Dickensheets
Subverting the Dominant Paradigm: Cultivating Nontraditional Preservation Partners and Adapting Existing Hazard Mitigation Practices for Preservation	A Framework for Risk and Vulnerability Assessment for Traditional Sites in the American Southwest
Presenter	Presenter
Jennifer Sparenberg	Evan Oskierko-Jeznacki
The Effect of Climate Change on the Preservation Efforts for Bunce Island Slave Castle in Sierra Leone	The Implementation of Seismic Retrofitting Techniques Using Local Materials and Expertise at the Church of Santiago Apóstol of Kuñotambo in Peru
Presenter Melbourne A. Garbe	Presenter Elena Macchioni Juan Carlos Mellado
Weathering the Storm: Coastal Cultural Landscapes in an Era of Climate Change	A Tale of Two City Churches: Adaptation by Expansion at the Church of Santa Lucia in Santiago de Cuba; and Adaptation by Contraction at the Christ Fellowship Church in Downtown Miami
Presenter	Presenter
Deborah Slaton	Ricardo Lopez

## SATURDAY, 10:30am - 12:00pm

Track 3 Conservation of Modern and Post-Modern Heritage **Track 4** Diversity, Population Change, and Gentrification in the Preservation Dialogue

**CS3.3** Concrete and Brutalism **CS4.3** Architectural and Historical Underrepresentation

VERSAILLES, 2nd Floor	BISCAYNE, 2nd Floor
10:30am - 12:00pm	10:30am - 12:00pm
Session Chair	Session Chair
Carmen Guerrero	Leila Hamroun-Yazid
Emerging Technology for Building Diagnostics	Forgotten Stories: Chinese-American Exclusion and Built Legacy in Small Town America
Presenter	Presenter
Michael Schuller	Nicholas Vann
Sidi Harazem: Conserving Moroccan Modernism	Heritage Making in Post-Industrial Landscapes: Legitimizing Working-Class Narratives in Lota, Chile
Presenter	Presenter
Eytan M. Solomon	Magdalena Novoa
The Power Behind Architecture. Modern Buildings Used as Strategy to Convey a Political Ideology in the Caribbean	Off the Map: Spatializing Access to Memory in Beitunia, Palestine
Presenter Virginia Flores Sasso Gabriela Fernandez	Presenter Adam S. Lubitz
Use of Microclimate Simulation to Assess the Environmental Vulnerabilities of Modern Heritage	Preserving LGBT Sites: The New York City LGBT Historic Sites Project and the Creation of a More Inclusive Preservation Canon
Presenter	Presenter
Daniela R. Werneck	Andrew S. Dolkart

## PAPER SESSIONS

<b>Track 1</b> Effects of Climate Change in Warm Weather Coastal Regions <b>CS1.4</b> Cultural Maintenance and Climate Change	Track 2 Sustainability and Conservation of Built Heritage in the Americas CS2.4 Materiality, Craftsmanship, and Conservation of Vernacular Buildings in the Caribbean and Americas
BRICKELL, 1st Floor	CHOPIN, 2nd Floor
1:30pm - 3:00pm	1:30pm - 3:00pm
Session Chair	Session Chair
Nancy Rankin	Olsen Jean Julien
Concrete Material Degradation in Tropical	Before the "Dilbit" Disaster: Developing an Oil Spill
and Urban Climate	Response Protocol for Historic Buildings
Presenter	Presenter
Irene Matteini	Elizabeth C. Salmon
Flooding Resiliency of Traditional Materials	Preserving Rural Heritage: Learning From Chile's 2010 Rebuilding Process
Presenter	Presenter
Jenny Parker	Maria Munoz
Gullah/Geechee and How de Wata da Move We: A Cultural Heritage Model for Coastal Community Sustainability	Pirenopolis Mother Church Restoration: a new paradigm in Brazilian Earth Architecture Preservation
Presenter Queen Quet Marquetta L. Goodwine Dan Rizza	Presenter Marco Rezende
Residential Heritage: Deep Energy Retrofit Analysis	Analyzing Digital Photogrammetry
Case Study and Methodolog	for Heritage Preservation
Presenter	Presenter
Larissa R. Ide	Rob Kesack

# SATURDAY 1:30pm - 3:00pm

<b>Track 3</b> Conservation of Modern and Post-Modern Heritage	<b>Track 4</b> Diversity, Population Change, and Gentrification in the Preservation Dialogue
<b>CS3.4</b> Ordinary Everyday Modernism (OEM) in Miami, The Caribbean and the Americas	<b>CS4.4</b> Miami and Caribbean Case Studies
VERSAILLES, 2nd Floor 1:30pm - 3:00pm	BISCAYNE, 2nd Floor 1:30pm - 3:00pm
Session Chair David Fixler	Session Chair Angel Ayón
Creating a Digital Record of Mid-Century Modern Architecture: Documentation of the Teague Research Center at Texas A&M University	Approaching Preservation in the Bahamas with the Voice of The Community; Preserving the Character, Charm, and Culture of Harbor Island, a Beloved Home to Many
Presenter Ben Baaske	Presenter <b>Ricardo Lopez</b>
Historic Preservation of the Casa de Estudios para Artistas (Study House for Artists), Antonio Bonet, Buenos, Aires, Argentina, 1939	Chicago's Pilsen Historic District: Immigration, EtBuilding the "Artisan Army": Empowering the Next Generation of Craftspeople Through Hands-On Workshops
Presenter Pablo Guiraldes M. Gabriela Dunes	Presenter Katie Totman
Preservation of EIFS - A Modern Building Enclosure System: Lessons Learned	Remembering Puerto Rico: A Post-Disaster Understanding of Historic Preservation
Presenter Vanessa R. Singh	Presenter Nadya K. Nenadich
Preserving Ely Jacques Kahn's Bricken Casino Building	Screen Block and the Mid-Century Built Environment of Florida
Presenter Vishal M. Joshi	Presenter Kristine Ziedina

## PAPER SESSIONS

<b>Track 1</b>	<b>Track 2</b>
Effects of Climate Change in Warm Weather	Sustainability and Conservation of Built Heritage
Coastal Regions	in the Americas
<b>CS1.5</b>	<b>CS2.5</b>
Adaption Planning for Sustainability in Historic	Building Resiliency in Pre-colonial, Maritime and Post-
Coastal Communities	colonial Heritage Sites Affected by Climate Change, Part 2
BRICKELL, 1st Floor	CHOPIN, 2nd Floor
3:30pm - 5:15pm	3:30pm - 5:15pm
Session Chair	Session Chair
Matthew K. Haberling	Kyle Normandin
Aligning Flood Mitigation and Preservation Strategies	24 Sussex Drive: A Zero Net Carbon Proposal to Revitalize
for Historic Buildings	the Residence of Canada's Prime Minister
Presenter	Presenter
Nicholas Floyd	Carly Farmer
Green Space Conversion: Strategies for Sustainable	Addressing Flood Risks to Historic Sites Caused by Man-
Design in Modern and Historic Roofs	Made Changes to Watersheds
Presenter	Presenter
Kenrick J. Hartman	Adam Rush
Modern Heritage and Bio-Environmental Adaptation:	Cooper Molera Adobe, Monterey California: When a
The Sanitary Architecture's Case in Tucumán.	Preserved Site Needs to be Preserved Again
Presenter Beatriz S. Garzón Amalita Fernández	Presenter Naomi Miroglio
Preservation in Hot Water: Climate Change and Third System Forts of Louisiana	Retrofitting of Concrete Encased Beam-Column Connection of an Old Historic Building Using Fiber Reinforced Polymer (FRP)
Presenter	Presenter
Lindsey Walsworth	Nitisha Parajuli
	The Conservative Restoration and Conversion Project of the Mercato Coperto in Ravenna: New Urban Languages, Innovative Intervention Methods and Sustainable Approaches Within the Context of Modern Architecture
	Presenter Anna Claudia Cicognani

## SATURDAY 3:30pm - 5:15pm

Track 3 Conservation of Modern and Post-Modern Heritage **Track 4** Diversity, Population Change, and Gentrification in the Preservation Dialogue

**CS3.5** Art Postwar Decorative Finishes in the Caribbean and the Americas **CS4.5** Preservation Enhancing Social Equity: Case Studies From the Field

VERSAILLES, 2nd Floor 3:30pm - 5:15pm	BISCAYNE, 2nd Floor 3:30pm - 5:15pm
Session Chair Helen M. Thomas-Haney	Session Chair Natalie Feinberg-Lopez
Moving the Immovable: Logistical Challenges in the Relocation of Monumental Architectural Artworks	Art, Equity & Diversity Expanding Preservation's Horizon
Presenter Kelly Ciociola Christina Varvi	Presenter Walter Sedovic
Two Cultural Patrimonies at Stake: The Conservation of a Modern Fresco Mural in a Colonial Building in the Dominican Republic	Immigrant Heritage? Place Making and Preservation by the South-Asian Diaspora in Houston
Presenter Viviana Dominguez Hilda Abreu de Utermohlen	Presenter Priya Jain
Saving Streamline Moderne: Conservation of Stone and Gold-Glass Mosaic Facades of the Saban (former May Co.) Building at the Academy of Motion Pictures, Los Angeles	Mitigating Gentrification: A Holistic Approach to the Preservation and Revitalization of Historic Neighborhoods
Presenter John A. Fidler	Presenter Sabrinna L. Cox
Soft Reds and Hard Tans: Creating an Index of Vulnerability for Nineteenth-Century New Orleans Brick	Sanitizing the Stoop: Gentrification, Preservation, and Lost Public Space in Harlem
Presenter Justin N. Lynch	Presenter Elizabeth C. Ponder

## 2019 STUDENT SCHOLARS

The APT Scholarship and Outreach Committee selected the following students to receive an APT Miami 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!

Ben Baaske Center for Heritage Conservation Texas A&M University Advisor: Kevin Glowacki Mentor: Lonnie Hovey

Daniel Castele University of Cincinnati Advisor: Amanda Webb Mentor: Kyle Normandin

Caroline Dickensheets University of Pennsylvania Advisor: Frank Matero Mentor: Hugh Miller

Kristian Falkjar Carleton University Advisor: Jeffrey Erochko Mentor: Melvyn Green

Allison Fricke Columbia University Advisor: Erica Avrami Mentor: Caroline Alderson

Anna Magdalena Hubmann University of Alberta Advisor: Thomas Stachel Mentor: Ron Anthony

Larissa Ide Carleton University Advisor: Mario Santana Quintero Mentor: Ilene Tyler

Rob Kesack Columbia University Advisor: Norman Weiss Mentor: Barbara Campagna

Karen Kincaid Brady The University of Texas at Austin Advisor: Michael Holleran Mentor: Deborah Slaton Wei (Melissa) Luo University of Pennsylvania School of Design Advisor: Roy Ingraffia Mentor: David Fixler

Justin Lynch University of Pennsylvania Advisor: Frank Matero Mentor: Joan Berkowitz

Miriam Martinez University of Cincinnati Advisor: Amanda Webb Mentor: Pamela Jerome

Magdalena Novoa School of Architecture University of Texas at Austin Advisor: Michael Holleran Mentor: Michael Tomlan

Nitisha Parajuli Southern Illinois University Edwardsville Advisor: Brad Cross Mentor: Michael Schuller

Adrian Soble Carleton University Advisor: William O'Brien Mentor: Anne Weber

Daniela Werneck University of Brasilia Advisor: Marta Adriana Romero Mentor: Theo Prudon

Caroline Wilson Savannah College of Art and Design Advisor: Sabrinna Cox Mentor: Nancy McCoy

Kristine Ziedina University of Florida Advisor: Morris Hylton III Mentor: Thomas Jester

#### Student Scholarship and Outreach Committee

Elaine Shapiro Kara Dotter Amy Jagaczweski Sue Ann Pemberton Christina Wallace Andreea Hamilton Vishal Joshi Payal Vora

Individuals and companies that have contributed to the Student Scholar Program are listed on page 5.

# STUDENT ENGINEERING COMPETITION

The Design Build Competition provides real life preservation-based challenges to students, encouraging teams to think outside the box. Finalists are invited to the conference to compete in building and testing an unreinforced arch of their design, and to address a set of preservation problems. Conference attendees are encouraged to dialogue with students and discuss what it means to do what we do.

## 2019 Student Engineering Competition Finalists

Finalists (in alphabetical order)

Ball State University Kyle Antony-Petter Melissa Blake Caitlin Liskey Brianna Minnich Kai Shirey Johnathan Spodek Carleton University Yasmin Anderson Kyra Cooper Yifang Liu Jamie Marrs Travis Murison Wanda Trinh Welsey Wilson Columbia University Sreya Chakraborty Erin Murphy Gwen Stricker Micah Tichenor

University of Nebraska-Lincoln Ahmad Shoaib Amiri Morgan Davis Tess McCabe Edward McNamara Tunc Deniz Uludag

#### Willowbank School of the Restorative Arts Emily Cheese Lisa Christie Graham Forster Meghan Lenz Chris Riou Antiy-Demian Savov

## Student Engineering Program Sponsors

This program was made possible through the countless hours of the Preservation Engineering Technical Committee as well as the following sponsoring companies and individuals. Thank you all!

#### GRANITE

REINFORCEMENT SYSTEMS

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#### MARBLE

HERITAGE STANDING INC. ENGINEERING FOR OLD BUILDINGS



SANDSTONE

Susannah J. Rast & John E. Dumsick

Tim Crowe

BRICK



Erin Fisher

#### Preservation Engineering Technical Committee Co-Chairs

Timothy Crowe Tom Morrison Amy Woods Committee Co-C John Dam John Dumsick

Tim Crowe

Gina Crevello

**Terry Mominee** 

Sarah Van Domelen

MORTAR

Cristina Radu Adam Rush Amy Woods

## GETTY TRAVEL GRANT RECIPIENTS



## The Getty Foundation

The Getty Connecting Professionals/Sharing Expertise Grant provides funding by invitation only to professional organizations that serve museums and the disciplines of art history and conservation. These grants have primarily focused on supporting the attendance of colleagues from countries with emerging economies at large-scale international forums for professional exchange. As a result of the grants, professionals from countries that are often underrepresented have the opportunity to connect with international experts working in their fields, enhance their practical and theoretical knowledge, and take back lessons learned to share with their local communities (www.getty.edu/foundation/initiatives/current/profdevelopment). Through this grant, the following preservation professionals from Latin America and the Caribbean were able to travel to this year's Conference!

Luciana Rocha Feres Federal University of Minas Gerais/ Catholic University of Minas Gerais Brazil

**Danae Peguero** Federal University of Minas Gerais/ Catholic University of Minas Gerais Brazil

Beatriz Garzon FAU UNT - CONICET Argentina

Jorge Tomasi CONICET / Universidad Nacional de Jujuy Argentina

**Olsen Jean Julien** Phenixience Haiti

André Aninat Fundación Altiplano Chile Chile

Rosabella Alvarez-Calderon Department of Architecture, Pontificia Universidad Catolica del Peru Peru

**Germaine Joseph** The Saint Lucia National Trust Saint Lucia

Virginia Flores Sasso Pontificia Universidad Católica Dominican Republic **Gabriela Fernandez** Arquitrail Dominican Republic

**Enrique Segovia Molinas** Escuela de Ingenieri a Municipal Mexico

Pablo J Guiraldes Ministry for the Environment and Public Space, City Government of Buenos Aires Argentina

**Marco Rezende** Architecture - Universidade Federal de Minas Gerais Brazil

Nadya K. Nenadich United States

#### Carlos Eduardo Comas

UFRGS-Universidade Federal do Rio Grande do Sul Brazil

Andres Gaviria Pontificia Universidad Javeriana Columbia

**Renata Campiotto** School of Architecture and Urbanism of the University of São Paulo Brazil

Laura Alecrim Farias Wyden Educational UniFBV - UniFAVIP Brazil

#### Abatron, Inc.

www.abatron.com • (262) 653-2000 Abatron is a leading manufacturer of specialty restoration products

#### with deep roots in historic preservation. We offer epoxy repair products for wood, concrete & metal as well as specialty plaster repair materials.

#### APT European Chapter

www.apteurope.org

The European Chapter aims to advance appropriate traditional and new technologies to care for, protect and promote the longevity of the built environment and to cultivate the exchange of knowledge throughout the European Community.

#### Atlas Preservation Inc

#### https://atlaspreservation.com

Consultation, training and conservation services for monument and building restoration. Based on personal hands-on experience in stone installation, restoration and preservation since 1986, our inventory & product selection options are extensive and unique.

#### **BEECK Mineral Paints**

www.beeckmineralpaints.com

BEECK Mineral Paints, a US owned company, specializing in high quality affordable mineral silicate paints for historic structures. Over 120 years of experience with historic projects makes BEECK the best solution to help assure a trouble-free project.

#### **Bonstone Materials Corporation**

www.bonstone.com • (262) 363-9877 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. Our unique product offering will enable you to clean your substrate, repair when needed.

#### Conproco

#### conproco.com

Since 1975, we've been developing premium quality concrete and masonry products by combining advanced material science with field proven performance.

#### Conrad Schmitt Studios, Inc.

www.conradschmitt.com

Conrad Schmitt Studios creates and restores interiors and fine works of art for buildings of architectural, historical and religious significance. CSS is also recognized for outstanding craftsmanship in the creation, conservation and restoration of stained glass.

#### Copperbridge

http://copperbridge.org/

Copperbridge Foundation (CBF) is a non-profit organization with a mission to promote cultural and educational exchange through the medium of artistic expression. CBF strives to ensure that all of our spaces and events are accessible.

#### Creadditive

#### www.creadditive.ca

Our projects are carried out by our strong technical team, recognized across Canada for its knowledge and contributions to new 3D scanning and manufacturing techniques and our visionary management team.

#### D/2 Biological Solution Booth 26

www.d2bio.com • (917) 693-7441

D/2 Biological Solution is a biodegradable, nontoxic liquid that removes stains from mold, algae, mildew, lichens and air pollutants. It is effective on marble, granite, limestone, brownstone, travertine, masonry, terra cotta, concrete, stucco, wood, and other architectural surfaces.

#### Echem Consultants LLC http://e2chem.com

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Booth 3

Echem Consultants LLC (WBE, DBE, & SBE certified) is a material science consultancy whose primary focus is understanding material durability of the built environment. Echem assists with diagnostics, analysis and repair of existing structures and advice on material selection, design and construction monitoring for new construction.

#### **Eclipse Surface Technologies**

http://Eclipseblast.com The ECO-FLEX product line, designed and engineered by Eclipse Surface Technologies, offers lightweight, low pressure, micro-abrasion and restoration equipment for the world of historic preservation.

#### Edison Coatings, Inc.

www.edisoncoatings.com • (860) 747-2220

Since 1981, Edison Coatings has been developing and manufacturing customized products for stone, masonry and historic concrete restoration: historic mortar and concrete replication mixes, repair mortars, consolidants, admixtures, water repellents, grouts, adhesives, breathable coatings and Natural Cement.

#### https://evergreene.com • (212) 244-2800

Since 1978, EverGreene Architectural Arts has provided awardwinning design and fabrication, conservation and restoration services for many for the world's most significant buildings and objects. In 2018 we expanded our historic conservation practice by acquiring Conservation Solutions.

#### G.C. Laser Systems Inc. www.gclasers.com

Our unique patented laser systems were originally designed for art and architecture conservation to offer unmatched precision, control, and efficiency for cleaning historic surfaces. Our environmentally friendly technology has been specifically designed to safely clean a variety of surfaces without damaging the substrate.

www.geosonicsvibratech.com

GeoSonics/Vibra-Tech has the tools and experience to help you manage your construction risk. Our Remote Monitoring Technology brings the field to you whether you need vibration, noise, dust, geotechnical or environmental monitoring.

#### Gladding, McBean

www.gladdingmcbean.com • (916) 644-9385 Architectural terra cotta manufacturer

#### Historic Plaster Conservation Services

## Booth 25

**EXHIBITORS** 

Booth 5

Booth 20

Booth 2

Booth 31

Booth 23

Booth 43

Booth 33

Booth 48

EverGreene Architectural Arts

Booth 47

Booth 15

Booth 1

Booth 6

#### GeoSonics/Vibra-Tech

very specific field of architectural plaster conservation.

historicplaster.com Historic Plaster Conservation Services USA (HPCS) focuses on the

#### **IBIX North America**

#### www.IBIXUSA.COM • (727) 322-4611

IBIX North America, Surface Technologies LLC. is a Florida based company in conjunction with our European Partners, IBIX SRL, Members of Assorestauro (Historic Preservation Society of Italy), are committed to supplying the most technologically advanced MICRO-Abrasion, soft cleaning systems for Preservation of Buildings, Monuments and Artifacts in the World.

#### John Canning & Co., Ltd.

JohnCanningCo.com • (203) 272-9868

John Canning & Co is the leading contractor in architectural finishes for building restoration. Our work with plaster, decorative painting, art conservation, and wood and stone restoration can be seen in some of the country's most iconic buildings and national landmarks. We emphasize the importance of craftsmanship and authenticity.

#### **KEIM Mineral Coatings**

#### Booth 7

Booth 19

#### www.keim-usa.com • 704-588-4811

The inventor of mineral silicate paints, Keim is the worldwide leader in mineral silicate solutions for masonry restoration. Offering a premium level of support, ensuring your projects are flawless, and providing a full line of mineral and lime finishes, stains and repairs for any historic masonry restoration project.

#### Langan Engineering and Environmental Services Booth 14 www.langan.com

Langan provides exceptional surveying that raises the bar of existing conditions data acquisition. Utilizing a range of mapping techniques and state-of-the-art equipment - the result are surveygrade deliverables that seamlessly integrate with project needs. Our highly accurate and efficient surveying process helps keep projects on schedule and within budget.

#### Laver

#### https://layer.team

Layer is a flexible data management app that encourages team collaboration and integrates directly with Revit. Layer makes it easy for architects and engineers to capture, organize, and share project data, files, notes, and tasks from one intuitive workspace that organizes everything by its building context.

#### LimeWorks.us

#### www.limeworks.us • (215) 536-6706

Manufacturer, educator, and mentor in the use of breathable lime mortars, stuccos, plasters, and paints used for historic masonry restoration and sustainable buildings. Our products help process water away from building interiors which extends their service life.

#### Master of Plaster Finishing Systems

www.masterofplaster.com • (803) 530-8232

From our founding Restoration Plaster used to restore and preserve the most prestigious historic structures, to our Venetian Plasters that create the most stunning interiors, our plasters serve as a palette for the most creative and discerning clients.

#### Pilkington North America

#### Booth 37

www.pilkington.com • (419) 247-3994 A leading global glass manufacturer, the NSG group provides the broadest range of glass products available in the world today.

Booth 28 Continuous product innovation ensures development of the most appropriate products for the global marketplace. As a 200 year old company, Pilkington is synonymous with Flat Glass manufacturing excellence and innovation.

#### Polar Clean

#### www.polarclean.com

Polar Clean identifies client needs and potential risks in order to engineer a better solution that meets or exceeds all of the client's needs, while reducing potential risk factors.

#### PROSOCO

#### www.prosoco.com • (785) 830-7325

A manufacturer of cleaners, protective treatments, and consolidation treatments for the sustainable restoration and preservation of historic masonry interiors and exteriors. Also makes products to clean and protect new masonry.

#### Pullman SST Inc

#### www.pullman-services.com

PULLMAN, a Structural Group company, integrates technologydriven engineered solutions into its industry-leading contracting services. Our capabilities include specialty design-build services for new and existing structures, as well as a wide range of specialty repair and maintenance services.

#### **Quintek Corporation** www.quintek.net

The Quintek Corporation is committed to provide safe cleaning technology to preserve our historic structures and the environment.

#### http://www.remmers.be

Remmers is a worldwide manufacturer of chemical building products for the restoration field, i.a. known for Arte Mundit® (interior cleaning). For exterior cleaning, they now introduce an innovative product called Clean Galena. It not only cleans the surface thoroughly/it not only peels off the dirt but also encapsulates lead.

#### Re-View Windows, Inc.

#### www.reviewwindows.com

A full service historic window company that specializes in everything associated with the window opening including historic wood window manufacturing, wood window restoration, steel window restoration, lead paint abatement, window installation, window finishing, hardware restoration, and insulated glass conversion.

#### Re.USA Project

#### www.apteurope.org/re.usa

The project intends to promote the Italian companies belonging to sectors of architectural restoration, sustainability and energy efficiency of the historical and modern buildings in the United States.

#### RLA Conservation of Art + Architecture www.rlaconvservation.com • (323) 377-8425

#### Booth 15

Booths 38, 39,40,41

RLA is a team of professionally trained conservators and artisans specializing in the care of sculpture, historic architecture, and artifacts. We provide emergency response services, conditions assessments, stabilization, conservation, maintenance, repair, restoration and long-term management of cultural heritage objects and structures.

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Booth 13

Booth 17

Booth 18

Booth 44

Booth 16

Booth 45

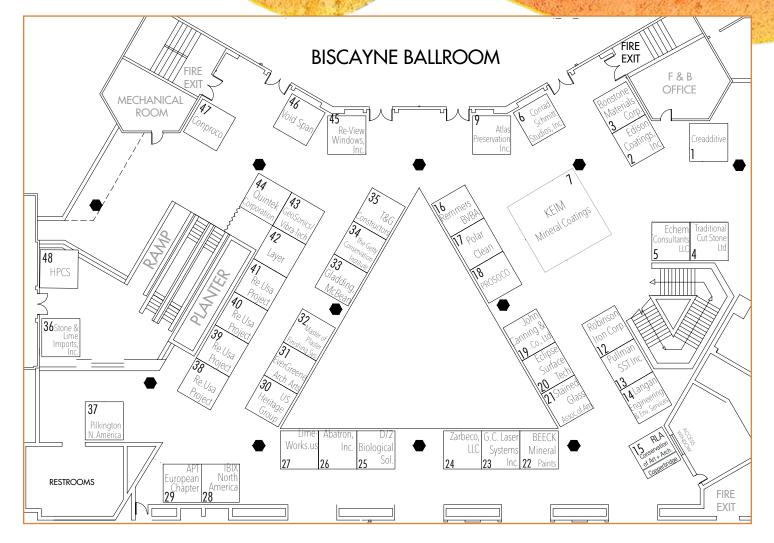
## **Remmers BVBA**

#### Booth 42

Booth 27

Booth 32

## EXHIBITORS



#### Robinson Iron Corporation

www.robinsoniron.com • (256) 329-8486

Ornamental metals restoration and fabrication.

#### Stained Glass Association of America Booth 21 https://stainedglass.org

A professional trade association for architectural stained and decorative art glass artists and studios. The SGAA actively works for the betterment of the craft of stained and architectural art glass through programs to benefit members of the SGAA and our clients.

#### Stone & Lime Imports, Inc.

Booth 36

Booth 35

#### www.stoneandlime.com

Stone & Lime, a masonry restoration contractor, has a long history of working on historic restoration projects along the east coast spanning from Florida to Maine. We provide masonry restoration consulting services, technical support and training for natural cement applications.

#### T&G Constructors

#### www.t-and-g.com

Our method and scope of services have earned us a reputation for taking your profitability seriously. Through early involvement, creative solutions and reasoned alternatives, we minimize your risks, safeguard your investments and look after your bottom line.

#### Booth 12 The Getty Conservation Institute http://www.getty.edu/conservation

Booth 34

The Getty Conservation Institute (GCI) works internationally to advance conservation practice in the visual arts - broadly interpreted to include objects, collections, architecture, and sites. The Institute serves the conservation community through scientific research, education and training, field projects, and the dissemination of information.

#### Traditional Cut Stone Ltd

www.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.

#### US Heritage Group https://usheritage.com

US Heritage Group offers products and services for masonry restoration projects, from condition assessment, mortar matching and architectural specification to on-site contractor training and custom pre-blended historic restoration product manufacturing. We also offer consulting services to specifiers and installers for traditional masonry preservation projects and sustainable new design.

#### Booth 30

Booth 4

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#### Void Span

#### www.voidspan.com

Created in 2011 by a team of engineers, scientists, and preservation practitioners to offer unique, dependable and practical solutions to the frontier of conservation and preservation challenges. VoidSpan holds the only international patents on the Port Anchor, as well as the methods and tying and bonding existing masonry together.

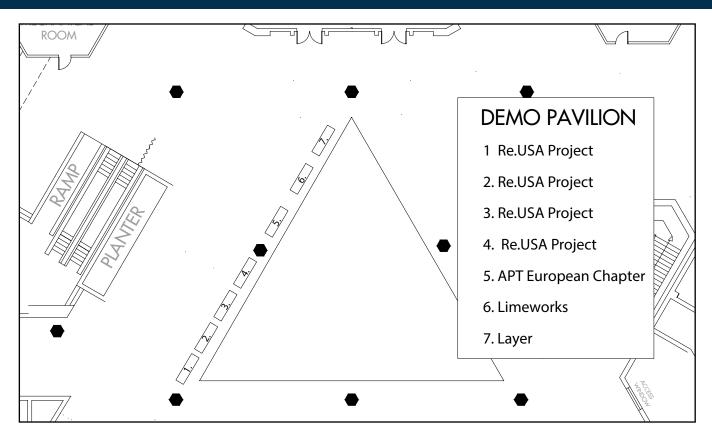
#### Zarbeco, LLC www.zarbeco.com

Booth 46

A manufacturer and designer of portable digital microscopes and software. Our multi-spectral microscopes image in white, UV and IR to match pigments, and materials. Video Toolbox PC software captures images, compares, measures, enhances, draws and labels on images.

Booth 24

## PRODUCT PAVILION



#### Layer Table 7

#### https://layer.team

Layer is a flexible data management app that encourages team collaboration and integrates directly with Revit. Layer makes it easy for architects and engineers to capture, organize, and share project data, files, notes, and tasks from one intuitive workspace that organizes everything by its building context.

#### LimeWorks.us

#### Table 6

#### www.limeworks.us • (215) 536-6706

Manufacturer, educator, and mentor in the use of breathable lime mortars, stuccos, plasters, and paints used for historic masonry restoration and sustainable buildings. Our products help process water away from building interiors which extends their service life.

#### Re.USA Heritage Inside Tables 1-4

#### www.apteurope.org/re.usa

The project intends to promote the Italian companies belonging to sectors of architectural restoration, sustainability and energy efficiency of the historical and modern buildings in the United States.

#### APT European Chapter Table 5

#### www.apteurope.org

APT European is a chapter of the Association for Preservation Technology international encompassing European companies and institutions. The main mission is to advance appropriate traditional and new technologies to care for, protect and promote the longevity of the built environment and to cultivate the exchange of knowledge throughout the European Community.

# MIAMI PLACES OF INTEREST



## **GENERAL INFORMATION**

**Attire:** Most events are business casual. Field sessions may combine both indoor and outdoor locations; it is recommended to dress in layers and wear good walking shoes. For the APT Awards Banquet, cocktail attire is recommended, but not mandatory.

Badges: Required at all conference events.

**Meals**: Your full conference registration includes: Food served at the Exhibit Gala, continental breakfast (Friday-Saturday), lunch (Friday and Saturday), plus refreshment breaks. All other meals are on your own and are a great opportunity to see downtown Miami. Workshop attendee registration includes continental breakfasts and lunch each day they meet. Full day field sessions include lunch only. All field sessions include a reusable water bottle.

**Events:** Most conference events will take place at the Intercontinental Miami. Workshops and/or field sessions with off-site locations will have transportation provided. Other events taking place off-site will be listed on the Special Events page and transportation to these events will be on your own.

**Events with fees:** Space permitting, you may still register for a workshop, field sessions and/or purchase special event (SE) tickets at the APT registration desk. Look for the (\$) symbol for any events that require an additional fee.

**Guests:** Registered guests will receive a badge which needs to be worn during the conference. Guest registration includes the Exhibit Gala and Exhibit Hall, Demo Pavilion, and the opportunity to purchase tickets for all special events (SE). Continental breakfast and lunch (Friday and Saturday), are included.

**Lost and Found:** Will be located at conference registration at the Intercontinental during regular conference registration hours. All registration hours and locations are listed on the agenda.

**Mobile App Assistance:** Visit the Conference Resource Desk for assistance or mobile app issues.

**Attendee list:** A list of conference registrants will be posted in the mobile app.



In addition, with the mobile app you can:

- Setting up a personalized schedule
- Download your CE Certificates

#### How to get started:

- 1. Download the EventScribe App
  - a. Scan the QR above
  - b. URL Link
  - c. Search for "APT Miami 2019" in your app store
- 2. Access the App
  - a. Refer to the email sent by Cadmium to login with your email and provided password, OR
  - b. Use the email you used to register for the conference as your Username. Click "Forgot Password" to have your password sent to your email, OR
  - c. Email adam@whitecloudmg.com to have your password reset and sent to you.

- Connect with other attendees
- Explore Miami
  - 3. Set up your profile and schedule;
    - a. Please set up your profile as it will help others to connect and collaborate with you.
    - b. Your registration details ARE NOT synced with this app. You must go through each session and "favorite" them. Your preferred calendar app may be synced with your choices.
  - 4. Process your CE's
    - a. Once complete with your session, you are encouraged to complete your session survey in order to be issued your CE certificate. Please allow up to 60 days to see CEUs appear in your AIA, RCEP or ASLA transcripts.
  - 5. Need help? Visit Adam at the APT Resource desk during regular registration hours.

## BECOME A MEMBER TODAY!



The Association for Preservation Technology International (APT) is a multi-disciplinary, membership organization dedicated to promoting the best technology for conserving/preserving historic structures and their settings. APT provides members opportunities for networking and the exchange of ideas.



#### **Member Benefits:**

- APT Bulletin, the peer-reviewed journal that is the ultimate source for cutting-edge preservation techniques
- Communiqué, our quarterly electronic newsletter
- APT annual conferences, held in cities across North America
- Specialized training and education opportunities
- APT Chapters, offering local networking and information
- An international network of leading preservationists
- Discounts on conferences and publications
- Student scholarships
- Listing in and access to APT online membership directory
  - Online access to past issues of the *Bulletin* via JSTOR, a digital archive that enables APT members to search, browse, download, and print full-text PDF versions of articles



APT members include preservationists, architects, engineers, conservators, consultants, contractors, craftspersons, curators, developers, educators, historians, landscape architects, students, technicians, and other persons directly involved in the application of methods and materials to maintain, conserve, and protect historic structures and sites for future use and appreciation.



# Save the date • Réserver la date

**APT & NATIONAL TRUST FOR CANADA** 2020 JOINT CONFERENCE **EDMONTON, OCTOBER 3-7** 

#### LA CONFÉRENCE CONJOINTE APT & LA FIDUCIE NATIONALE DU CANADA 2020 EDMONTON, DU 3 AU 7 OCTOBRE

Join us at the APT Annual General Meeting to find out more! Friday, 1:30pm - Trianon







Photos: Edmonton Tourism





