

#APTDC2021



# **PRESERVATION BEYOND POLITICS**



**APT Annual Conference**  
**Washington, DC**  
October 25-29, 2021

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# MAXIMIZE YOUR VIRTUAL EXPERIENCE

## **Visit the conference website.** <http://www.aptdc2021.org>

Log-in with your unique code to create your profile, favorite items in the agenda to create your own schedule, explore the Virtual Resources and Services area, and virtual grab bag items. If you have registered, and have not received your credentials, please email [registrar@apti.org](mailto:registrar@apti.org).

## **You can view and participate in the virtual conference through your desktop or the mobile app.**

**Set your clock!** All events will occur on EDT, so make sure to note the time difference from where you'll be watching.

**Log-in early.** Events will have a virtual lobby prior to many events; log-in early to make sure you are connected, hear audio and if needed, request any technical assistance before the presentation

**Download the app.** Access this year's conference app by downloading the free **EventScribe** app, open it and search for 'APT DC 2021'. You will be prompted to log-in with your Username and Password which is the same as your log-in for the website.

Once downloaded, you can set up your profile and schedule.

- Please set up your profile as it will help others to connect and collaborate with you.
- 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.

Great functions via the Mobile App:

- Setting up a personalized schedule
- Connect with other attendees
- Download your CE Certificates
- Ask questions, take notes, post pictures

**Mobile App help.** Once you download the mobile app, under the right menu bar is a tutorial and technical support.

**Network with fellow attendees!** Click on "Attendee" and search by name or organization. Click on the profile to see the "Message Board" on the desktop or "Send Message" in the mobile app. To see your chats on the desktop version, under the attendee tab, find the button that says "Show only my chats"

**Ask questions during live presentations.** You will be able to type in questions during live Q&A sessions via the question panel right on your screen.

**Access your CEU Certificate** Once logged-in to the conference website or mobile app, click on the "Continuing Education" button and you will be guided through the process..

**Limited on-demand content.** Paper sessions, the symposia and field sessions will be available on-demand right after the conference to allow attendees to complete their CEUs. The on-demand function will only be available until November 19 and is only available to conference registrants.

**Discover something new at the Resource and Services virtual spaces.** The virtual spaces are open throughout the conference, but during specific times, participating exhibitors will have representatives available to text.

## **Problem Solving During the Conference**

Technology is great...when it works! If you are having issues, try the following:

First, are you logged in?

Second, is your internet reliable? VPNs may interrupt your connectivity to the live-stream function.

Third, turn on your speakers.

**I need help accessing the Live Stream!** The Live-Stream is only available at the scheduled time of broadcast (Eastern Daylight Time or if you elected to have the times displayed in your time zone, you'll see the times adjusted based on where you're located). You may begin viewing the virtual lobby 30 minutes prior to the published schedule.

**Refresh your browser each day.** Please ensure you're still logged in. (It's possible to have your browser save your login credentials).

Login with the email you registered with. You should have received an Access Key in a Welcome Email. If you did not receive a Welcome Email, simply click "forgot password."

If you still need help logging in or accessing any of the presentations, please email [registrar@apti.org](mailto:registrar@apti.org)

# CONTINUING EDUCATION

APT is an approved provider for the following professional continuing education credits: AIA 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 or RCEP based on your certificate activity within 30 days of the conference. You can access your certificate either through the mobile app or through the website. You must be logged in. Once you click on "Claim CEs" or "Continuing Education," follow the on-screen instructions.

- American Institute of Architects Learning Units (AIA LUs)
- RCEP Professional Development Hours (RCEP PDHs)



# AGENDA-AT-A-GLANCE\*

\* For the most up-to-date agenda download the mobile app or visit the conference website: <http://www.aptdc2021.org>

(\$)=Additional fee to attend.

## Monday, October 25-All Times EDT

9:00am - 10:30:am SE1 PETC Student Design-Build Competition: The Masonry Arch

### Welcome and Keynote Address

11:00am - 12:45pm KS1 *Why We Should Preserve "Bad" Buildings: Preservation and Postmodernism in the 21st Century*  
Keynote Speaker: Owen Hopkins – Farrell Centre, Newcastle University

1:00pm - 2:45pm CS1 **Concurrent Paper Sessions - Details on page 13**

3:00pm - 4:00pm FS3 Architecture, Art, and Retro-Progressive Federal Vision: The New Deal-Era Stewart Lee Udall Department of Interior Building and Shakespearean Secretary's Suite in DOIs First Modern Headquarters (\$) *Moderated by Bill Marzella*

3:00pm - 4:00pm FS2 HABS/HAER/HALS in the Library of Congress: Recording & Digital Archiving of Two Washington Landmarks (\$) *Moderated by Gretchen Pfahler*

3:00pm - 4:00pm FS1 Smithsonian on the Mall: The Challenges and Rewards of Adapting Historic Buildings for Contemporary Museum (\$) *Moderated by Katie Irwin*

3:00pm - 4:00pm FS4 Washington National Cathedral: A Behind-the-Scenes Look at Hands-on Masonry Repair and Restoration (\$) *Moderated by Jim Shepherd*

4:15pm - 5:15pm FS5 Arlington National Cemetery: Preservation of the USS Maine Memorial, Memorial Amphitheater, and the Tomb of the Unknown Soldier (\$) *Moderated by Bill Marzella*

4:15pm - 5:15pm FS8 Dedicated to Art: Utilizing Modern Technologies to Rehabilitate DC's Renwick Gallery (\$) *Moderated by Keshika De Saram*

4:15pm - 5:15pm FS6 Preservation at George Washington's Mount Vernon (\$) *Moderated by Katie Irwin*

4:15pm - 5:15pm FS7 U Street and Shaw Walking Tour–The Architectural and Cultural Legacy of DC's "Black Broadway" and Historic African American Neighborhoods (\$) *Moderated by Gretchen Pfahler*

5:30pm APT Virtual Chapters Mixer/Games Night via Zoom - pre registration required

## Tuesday, October 26-All times EDT

9:00am - 10:30:am SE1.2 PETC Student Design-Build Competition: The Masonry Arch

11:00am - 12:45pm CS2 **Concurrent Paper Sessions - Details on page 15**

1:00pm - 2:15pm **Annual General Meeting**

2:30pm - 4:15pm CS3 **Concurrent Paper Sessions - Details on page 17**

4:30pm - 6:15pm CS4 **Concurrent Paper Sessions - Details on page 19**

8:00pm TCMH Mixer - pre registration required





# AGENDA-AT-A-GLANCE\*

\* For the most up-to-date agenda download the mobile app or visit the conference website: <http://www.aptdc2021.org>  
(\$)=Additional fee to attend.

## Wednesday, October 27

9:00am - 10:00am APT Chapters Meeting

11:00am - 12:30pm College of Fellows Roundtable

12:45pm - 2:30pm CS5 **Concurrent Paper Sessions - Details on page 20**

3:00pm - 3:40pm SE3 College of Fellows Installation

3:45pm - 5:00pm KS2 **College of Fellows Keynote**  
*Things That Should Look Permanent Forever: The Challenges of Preserving the Washington Metro*  
Keynote Speaker: Zachary M. Schrag, Ph.D., Professor, George Mason University

6:15pm - 7:30pm Virtual Mixer (RSVP Required, email for availability prior to event)

7:30pm - 8:30pm **APT Awards**

## Thursday, October 28

10:30am - 5:30pm WS1 URM Construction, Restoration, and Maintenance Workshop (\$)

10:30am - 5:30pm WS2 Graffiti management in a changing world: Should it stay, or should it go? (\$)

10:30am - 5:30pm WS3 Decorative Finishes in the Nation's Capital (\$)

10:30am - 5:30pm SY1 Protecting the Irreplaceable: Sensitive Measures to Cultural Heritage (\$)

## Friday, October 29

10:30am - 5:30pm WS1 URM Construction, Restoration, and Maintenance Workshop (\$)

10:30am - 5:30pm WS2 Graffiti management in a changing world: Should it stay, or should it go? (\$)

10:30am - 5:30pm SY1 Protecting the Irreplaceable: Sensitive Measures to Cultural Heritage (\$)

## Monday, November 1

10:30am - 6:00pm SY2 Community Engagement Project in Historic Anacostia (\$)



# BUREAU OF OVERSEAS BUILDINGS OPERATIONS

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Villa Petschek, Prague Czech Republic  
Chief of Mission Residence



Paris, Tallyrand, Grand Dining Room



Paint Analysis in Algiers

Top - The Villa Petschek in Prague, acquired for The Secretary's Register in 1948.  
Middle - Fixtures and finishes in Tallyrand that include an 18<sup>th</sup> century panel restoration.  
Left - Conservation efforts led by the Office of Cultural Heritage.

The U.S. Department of State, Bureau of Overseas Buildings Operations (OBO) is the single real property manager for all overseas diplomatic properties. OBO sets the worldwide priorities and allocates the resources for acquiring, designing, constructing, operating, maintaining, leasing, or disposing of U.S. diplomatic properties around the world. Our mission is to provide safe, secure, functional, and resilient facilities that represent the U.S. government to the host nation and support the Department's achievement of U.S. foreign policy objectives abroad. These facilities represent American values and the best in American architecture, design, engineering, technology, sustainability, art, culture, and construction execution.

The Office of Cultural Heritage was established in January of 2015 to implement a stewardship program for the care of the Department of State's culturally, historically, and architecturally significant properties and collections through research, conservation, educational programs, and exhibit design, and maintenance protocols. For more information please visit us at [www.state.gov](http://www.state.gov).

**Christine Foushee**

OBO, Director of External Affairs

[FousheeCT@state.gov](mailto:FousheeCT@state.gov)

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290  
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\$71B  
Portfolio Value



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Domestic & Overseas Assets  
9,386 Government Owned Assets  
16,080 Leased Assets

970+  
Office Buildings



16,575+  
Residences



50+  
Active Capital Security Construction Projects

\$18B  
Workload



12,500  
Art Partners

40+  
Active Major Renovations

\$850M  
Workload

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# WELCOME!

Dear Attendees,

On behalf of the Association for Preservation Technology International, I am pleased to welcome you to APTI's second virtual conference in a row, and third conference theme around the United States' National Capital Region which first occurred in 1981, and later in 1995. The topics of the conference focus not only on the challenges of preserving a national capital, a city state, associated neighborhoods, buildings, monuments, and infrastructure that are reflective of this monumental city. Additionally, the challenges of preserving a planned city, which has had ongoing growth and changing demands on the built environment hold important lessons learned.

Urban construction challenges, upgrades to existing buildings for increased accessibility, protection of cultural assets from material aspects, ongoing environmental change and increasing terrorist threat are routine practice in Washington DC. All these activities in addition to the evolution as the American History story continues to evolve along with becoming more inclusive. Washington DC is the perfect laboratory to revisit how, whose history is told, and which sites should be preserved that tell the full story of the nation.

Over the past year, the Inclusion Advocacy Committee has been working with the National Trust for Historic Preservation and the Historic Anacostia Preservation Foundation on a community engagement project. The project included hands on assistance and workshops on neighborhood preservation techniques to serve as models, which are to be implemented at the Children of Mine Youth Center's within the Anacostia Historic District of Washington DC. This work will be highlighted in the joint symposium with the National Trust, being held of November 1st.

Thank you to Gretchen Pfaehler and Jim Shepherd, conference co-chairs, the local conference committee and the conference sponsors who made this all possible. I hope you enjoy this fantastic conference!

*Gina Crevello*  
APT President



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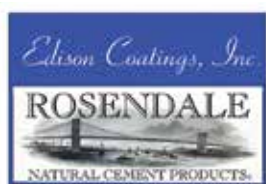
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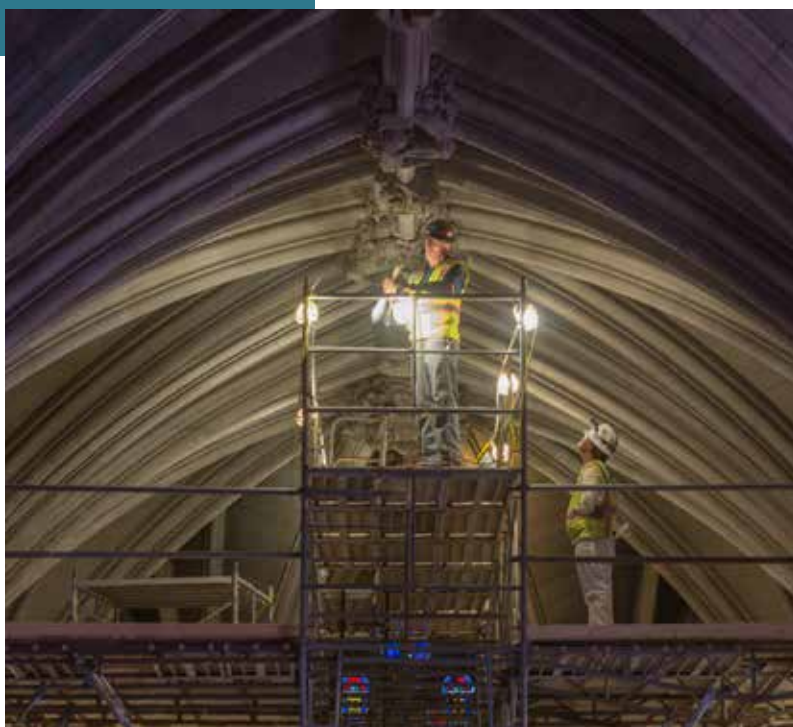
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# SPECIAL EVENTS

Highlights below. Additional information, and speaker bios can found on the Conference website: <http://www.aptdc2021.org>

## Monday, October 25

### KS1: Welcome and Opening Keynote

11:00am - 12:45pm EDT

Keynote Speaker: Owen Hopkins, Farrell Centre, Newcastle University

*Why We Should Preserve "Bad" Buildings: Preservation*

*And Postmodernism in the 21st Century*



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This lecture posits that the serious consideration of badness is vital not just for architectural practice and culture, but also for architectural preservation as we seek to make how and what we preserve more diverse and representative. This is not simply an argument that we need to preserve "bad" buildings for their own sake, but that "badness" can help us think about heritage and preservation in ways that are progressive, inclusive of a range of identities, and which reflect multiple and sometimes competing histories and narratives.

## Tuesday, October 26

### TCMH Mixer

8:00pm

The Technical Committee on Modern Heritage invites you to come meet APT members and learn how to become more involved. Zoom info on conference website.

## Wednesday, October 27

### College of Fellows Roundtable: The Monuments Debate

11:00am - 12:30pm EDT

This roundtable will explore how contested sites are addressed by both local and broader communities. It will probe how society assimilates past events when memory brings about controversy instead of consensus and will confront the challenge of representing these contrasting aspects in a single monument.

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### College of Fellows Installation

3:00pm - 3:40pm EDT

See this year's inductees!

### College of Fellows Keynote

3:45pm - 5:00pm EDT

Keynote Speaker:

Zachary M. Schrag, Ph.D., Professor, George Mason University

*Things That Should Look Permanent Forever:*

*The Challenges of Preserving the Washington Metro*

As Metro ages, its managers must balance their respect for the system's origins with the expectations of today's passengers, a legacy of inadequate maintenance, and severe budgetary constraints. Staying true to Metro's iconic design while serving present needs offers one of the greatest preservation challenges now facing the nation.

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### SE11: APT Annual Awards Banquet

Put on your best virtual gala wear, and join us as we recognize outstanding achievements from a most interesting year! Awards will include Presidential Citations, the Publication Awards, the HABS/Peterson Awards, the David Fiscetti Award and recognition of the student scholars and the PETC winning team.







Photos: LHP Architects  
East 180<sup>th</sup> Street Station for the Metropolitan Transit Authority

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# WORKSHOPS AND SYMPOSIA

Highlights below. Additional information and speaker bios can found on the Conference website: <http://www.aptdc2021.org> (\$) Fee to attend.

## **WS1—URM Construction, Restoration, and Maintenance Workshop (\$)**

**Thursday, October 28, and Friday, October 29**

**10:30 - 5:30pm EDT**

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The Unreinforced Masonry (URM) Construction, Restoration, and Maintenance workshop will focus on understanding the rationale and methodology for condition assessment, seismic assessment, and the repair, restoration, maintenance, and seismic upgrade of historic URM buildings. The workshop will provide insight into common types of deterioration and material behavior along with specific intervention methods and materials that may be appropriate and sympathetic to the original materials. Treatments consider the U.S. Secretary of Interior Standards when the URM building is historic.

## **WS2—Graffiti management in a changing world: Should it stay, or should it go? (\$)**

**Thursday, October 28, and Friday, October 29**

**10:30 - 5:30pm EDT**

Through lectures, case-studies, and video demonstrations, this workshop will introduce participants to a range of topics regarding graffiti management including: graffiti's long history and varied types; when to consider preservation/conservation; means and methods of documentation even when removal is planned; proper means and methods for removal; and graffiti-prevention strategies. Instructor-facilitated breakout sessions will give participants the opportunity to practice/develop their decision-making skills surrounding the various aspects of graffiti management.

## **WS3—Decorative Finishes in the Nation's Capital (\$)**

**Thursday, October 28**

**10:30 - 5:30pm EDT**

The workshop will also explore the process of gilding, focusing on recent projects at Washington DC Union Station and the Eisenhower Executive Office Building. In a mixed lecture/question and answer format, the gilder will describe the process and challenges of these projects, and will then lead a second hands-on, at home gilding project for all attendees.

## **SY1 - Protecting the Irreplaceable: Sensitive Measures to Cultural Heritage**

**Thursday, October 28**

**10:30am - 5:30pm EDT**

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This 2-day symposium was developed in response to the growing need for physical security improvements to culturally significant properties and collections against man-made threats. Learning how to sensitively introduce security measures without adversely impacting the historic character of buildings and landscapes is challenging, but can successfully be achieved.

Given this year's APTI Conference is in the District of Columbia, it can be argued that no other location offers the level of opportunity to explore this topic more fully. This training gives attendees guidance on understanding security threats, along with principals and strategies for protecting cultural heritage, staff and the general public. Case studies will highlight properties where changes were made, while still meeting preservation guidelines.

## **SY2 - Community Engagement Project in Historic Anacostia**

**Monday, November 1**

**10:30am - 6:00pm EDT**

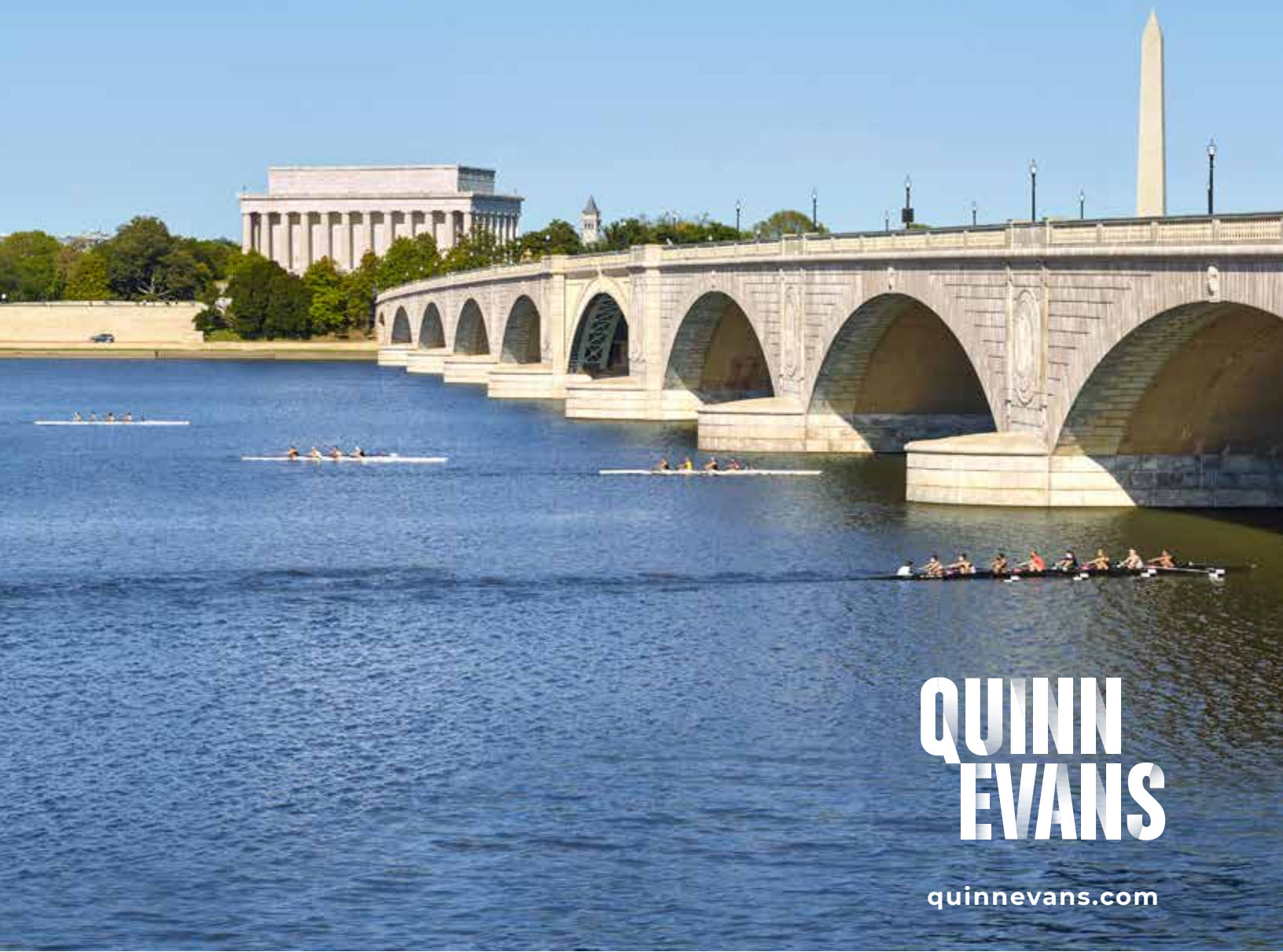
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The goal of this initiative is to highlight the opportunities of preservation and collaboration to empower local community members through collaborative workshops and educational engagements. This collaborative session will feature videos created through a joint effort between APTI's Inclusion Advocacy Committee with the National Trust for Historic Preservation, Historic Anacostia Preservation Society, the DC Office of Planning, the Children of Mine Community Organization, and the residents of Historic Anacostia. The photos document and highlight the collaborative efforts of APTI's most recent Community Engagement Project.



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# PAPER SESSIONS

## MONDAY, 1:00PM - 2:45PM EDT

<b>Track 1</b> Revisiting Renewal: Evolving Past Transformations  <b>CS1.1</b> Materials Testing and Treatment	<b>Track 2</b> Pivoting Preservation: Forward-Thinking Solutions to Changing Requirements  <b>CS2.1</b> Valuation Practices to Inform Preservation Priorities	<b>Track 3</b> By the People, For the People: Civic Architecture, Public Spaces, and Infrastructure  <b>CS3.1</b> Steel Structures as Civic Spaces
<b>1:00pm – 2:45pm EDT</b>	<b>1:00pm – 2:45pm EDT</b>	<b>1:00pm – 2:45pm EDT</b>
Session Chair <b>Helen M. Thomas-Haney</b>	Session Chair <b>Marco Rezende</b>	Session Chair <b>Julie Cawby</b>
Assessing the Damage: how scanning electron microscopy can aid in the examination of fire-damaged stained glass  Presenter <b>Alexandra Wysopal</b>	Data-based urban heritage policy assessment: Evaluating Tel Aviv's Preservation Plan  Presenter <b>Ilil Feiglin</b>	Challenges with Preserving the Stainless Steel Skin of the Gateway Arch in St. Louis, Missouri  Presenters <b>Stephen J. Kelley</b> <b>Dan M. Worth</b>
Characterization of defects in historic structures using passive approach to IR thermography: case study of the Shivappanayaka Palace, Shivamogga, India.  Presenter <b>Manogna Kavuru</b>	LCA-based decision-making tool for Quebec heritage schools rehabilitation.  Presenter <b>Wafaa Baabou</b>	More than a Bridge: Renewing a historic memorial and critical infrastructure link over the Potomac  Presenters <b>Charles W. Thompson, III</b> <b>Amanda Lewkowicz</b>
Going Back in Time: Removing a Century of Brick Coatings at Bentley Hall  Presenters <b>John M. Evans</b> <b>Dorothy Krotzer</b>	Replacing the Irreplaceable: Insurance and Valuation When Earthquakes Hit Historic Buildings in Mexico  Presenters <b>Benjamin Ibarra-Sevilla</b> <b>Daniel Fridman</b>	"The Picnic Fever": Preserving Historic CCC-Era Recreational and Picnic Areas, Concrete Furniture, and Equipment in Zilker Metropolitan Park  Presenter <b>Eliza W. Blackman</b>
Plaster Reconsidered: Changing Plaster Preservation Methods at Monocacy National Battlefield  Presenter <b>Elizabeth A. Burns</b>	The Twentieth Century Historic Thematic Framework: A Tool to Expand our Understanding of Heritage  Presenter <b>Chandler Mccoy</b>	The Restoration of Harlem's Historic Fire Watchtower  Presenter <b>Charles Van Winckle</b>

Additional information on the speakers can be found on the Conference website <http://www.aptdc2021.org>

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# PAPER SESSIONS

## TUESDAY, 11:00AM - 12:45PM EDT

<b>Track 1</b> Revisiting Renewal: Evolving Past Transformations  <b>CS1.2</b> Divine Interventions? Approaches to Restoring Masonry Ecclesiastical Structures	<b>Track 2</b> Pivoting Preservation: Forward-Thinking Solutions to Changing Requirements  <b>CS2.2</b> Envelope Performance	<b>Track 3</b> By the People, For the People: Civic Architecture, Public Spaces, and Infrastructure  <b>CS3.2</b> Accessibility for All
<b>11:00am – 12:45pm EDT</b>	<b>11:00am – 12:45pm EDT</b>	<b>11:00am – 12:45pm EDT</b>
Session Chair Lesley Gilmore	Session Chair Ann Harrer	Session Chair Kyle Normandin
Revisiting the H-Plan: A Seismic Analysis of Unreinforced Masonry Structures with Plan Irregularities  Presenter Elyse Hamp	Evaluating the Treatment of Curtain Walls Using the Secretary's Standards for Rehabilitation: Exemplified by Projects Certified for Federal Tax Incentives  Presenter John A. Sandor	Critical access, walkability and exclusion in historic streets and plazas in Peru  Presenter Rosabella Alvarez-Calderon
The Montreal Notre-Dame Basilica revisited - One hundred years of maintenance and restoration intervention.  Presenter Daniel Durand	Hygrothermal modelling of rubble core masonry walls accounting for deterioration.  Presenter Michael Gutland	Efficiency of Code Compliant Alterations for Emergency Egress in Historic Buildings  Presenter Georgette Harun
The Stabilization and Repair of Mission Concepción's Masonry Dome  Presenters Anna Nau Patrick Sparks	New technology for historic window restoration  Presenters Kyle Sword Katherine Allen-Lezak	Elegant Access: The Quest for a Dignified and Equitable Entry at the Smithsonian National Museum of Natural History  Presenters Abby Tourtellott Carly Bond
Thorny Problems: restoring a large terra cotta Rose Window at the 1914 First Congregational Church, Long Beach  Presenter John A. Fidler	Techniques to predict failure prior to insulation interventions on historic envelopes  Presenter Daniel S. Castele	Peavey Plaza Revitalization: Making Modernist Park Plazas Accessible  Presenter Meghan Elliott

Additional information on the speakers can be found on the Conference website <http://www.aptdc2021.org>



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# PAPER SESSIONS

## TUESDAY, 2:30PM - 4:15PM EDT

<b>Track 1</b> Revisiting Renewal: Evolving Past Transformations  <b>CS1.3</b> Modern Structures and Manufactured Materials	<b>Track 2</b> Pivoting Preservation: Forward-Thinking Solutions to Changing Requirements  <b>CS2.3</b> Reuse and Enhancement of Materials and Assemblies	<b>Track 3</b> By the People, For the People: Civic Architecture, Public Spaces, and Infrastructure  <b>CS3.3</b> Material Degradation at Civic Sites
<b>2:30pm – 4:15pm EDT</b>	<b>2:30pm – 4:15pm EDT</b>	<b>2:30pm – 4:15pm EDT</b>
Session Chair <b>Paul Gaudette</b>	Session Chair <b>Jean Carroon</b>	Session Chair <b>Claudia Kavenagh</b>
Concrete in Canada's National Capital: From Technological Innovation to Sustainable Rehabilitation  Presenter <b>Catherine McBain</b>	Bowstring Timber Trusses: Sometimes Things are Not What They Appear to Be  Presenter <b>George R. Mulholland</b>	Preserving by Understanding: Evaluation of Historic Wood Structures  Presenter <b>Natalie J. Smith</b>
Nakamura's Dilemma: Decades of Dealing with Terra Cotta Ceramic Veneer.  Presenters <b>David Wark</b> <b>Carin Carlson</b>	Energy Efficiency and Air Quality Applications of a Novel Building Material: Moss  Presenter <b>William Pepi</b>	What is the Origin of the Gypsum Layer on the Marble of the U.S. Capitol?  Presenter <b>Richard A. Livingston</b>
Substitute Materials for Preservation: Rethinking GFRC and FRP  Presenter <b>Sarah Van Domeln</b>	Material Preservation and Deconstruction—Embracing Traditional Methodologies  Presenter <b>Mae Bowley</b>	The Conservation of the Wooden Tympanum Sculpture of the First Bank  Presenter <b>Andrew Fearon</b>
The Nature of Reinforced Concrete at Frank Lloyd Wright's Fallingwater  Presenter <b>John A. Matteo</b>	Optimizing Compliance Options for Historic Buildings in the Model Codes  Presenters <b>Marilyn E. Kaplan</b> <b>Mike B. Jackson</b>	The Maintenance of Modern  Presenters <b>Amanda Edwards</b> <b>Phillip Neuberg</b>

Additional information on the speakers can be found on the Conference website <http://www.aptdc2021.org>



# 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.



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# PAPER SESSIONS

## TUESDAY, 4:30PM - 6:15PM EDT

<b>Track 1</b> Revisiting Renewal: Evolving Past Transformations  <b>CS1.4</b> Adaptive Reuse	<b>Track 2</b> Pivoting Preservation: Forward-Thinking Solutions to Changing Requirements  <b>CS2.4</b> Viewing the Unseen	<b>Track 3</b> By the People, For the People: Civic Architecture, Public Spaces, and Infrastructure  <b>CS3.4</b> Interior Finishes in Civic Spaces
<b>4:30pm – 6:15pm EDT</b>	<b>4:30pm – 6:15pm EDT</b>	<b>4:30pm – 6:15pm EDT</b>
Session Chair <b>John G. Waite</b>	Session Chair <b>Douglas Pritchard</b>	Session Chair <b>Corey Spitzer</b>
Just Because It Stood, Doesn't Mean It Should: Creating a Third Life for a Farmers Market Structure  Presenter <b>Cheryl Early</b>	Heritage Trades Skills in the Culture Economy: re-evaluating heritage advocacy in Toronto, Canada  Presenter <b>Luke McElcheran</b>	Douglas County Hall of Justice Murals; Riots, Insurrection and Restoration  Presenters <b>Dan M. Worth</b> <b>Terry VanderWell</b>
Impacts of Climate Change on Traditional Masonry Construction: A Case Study of the Sheesh Mahal Complex, Lahore Fort, Pakistan  Presenter <b>Ifrah Asif</b>	Municipio metro station: a new cultural landscape for the city of Naples  Presenters <b>Irene Rossi</b> <b>Benedetta Caglioti</b>	Illusions of Grandeur: Interior Decoration of Washington, DC Financial Institutions, 1902-1930  Presenter <b>Meredith Wilson</b>
Keeping the Lights On: Strategies to Empower Adaptive Reuse of Public Utility Architecture  Presenter <b>Dawn Bilobran</b>	Slave and Tenant Cabin Documentation: A case for laser scanning critically endangered vernacular buildings and landscapes  Presenters <b>Sreya Chakraborty</b> <b>Ina Sthapit</b>	Quakes Happen: The Investigation, Remediation and Restoration of the Gilding in the Great Hall of Washington's Union Station.  Presenter <b>Michael W. Kramer</b>
Re-imagining the Carnegie Library in Washington DC  Presenter <b>Jennie Gwin</b>	Urban Subsurface Heritage – New York City's Governance Imperative  Presenter <b>Debra F. Laefer</b>	Understanding the use of linseed oil paint systems in the context of heritage conservation  Presenter <b>Renee Halle</b>

Additional information on the speakers can be found on the Conference website <http://www.aptdc2021.org>

# PAPER SESSIONS

## WEDNESDAY 12:45pm - 2:30pm EDT

<b>Track 1</b> Revisiting Renewal: Evolving Past Transformations  <b>CS1.5</b> Rethinking Restoration Approach	<b>Track 2</b> Pivoting Preservation: Forward-Thinking Solutions to Changing Requirements  <b>CS2.5</b> Resiliency for Continued Use	<b>Track 3</b> By the People, For the People: Civic Architecture, Public Spaces, and Infrastructure  <b>CS3.5</b> Civic Space Transformation
<b>12:45pm – 2:30pm EDT</b>	<b>12:45pm – 2:30pm EDT</b>	<b>12:45pm – 2:30pm EDT</b>
Session Chair Bryan Fisher	Session Chair Natascha Wiener	Session Chair David Fixler
Clara's Clues: Rediscovering the Missing Soldiers Office  Presenter Caroline R. Alderson	Experiences in new rural housing in the north of Chile  Presenter Andres Aninat, Sr.	Art is the Key: Unlocking Yangon's Historic Civic Sites  Presenter Gretchen Worth
Investigative Approach for the Restoration Design of Traditional Pol House of India.  Presenter Khushi D. Shah	Flood Barriers: Evaluating Flood Preparedness Guidance for Historic Structures at Cultural Heritage Sites in the United States  Presenter Meris Westberg	Cultural Place(re)making  Presenter Kathryn T. Luu
The Continuing Saga of the Rotunda at the University of Virginia  Presenters John G. Waite Clay Palazzo	Hazmat & Heritage: The Sullivan Mine powerhouse restoration as a case study for navigating the increasingly stringent requirements for testing and abatement  Presenter Elana Zysbla	Free to All - Boston Public Library's McKim Building Master Plan  Presenters Mary Ann Upton Janette Blackburn
The restoration of the restoration on modern and ancient buildings: from the analysis to the use of innovative techniques and materials  Presenter Rossana Gabrielli	Saving the Seat of Democracy; The Restoration of the Palace of Westminster  Presenter Aimee Sims	Moynihan Train Hall- Transformation of McKim Mead & White's Iconic Post Office  Presenter Marla A. Gayle

Additional information on the speakers can be found on the Conference website <http://www.aptdc2021.org>

# GETTY TRAVEL GRANT RECIPIENTS

This event is made possible with support from the Getty Foundation.

## 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. Through this grant, the following preservation professionals from Latin America and the Caribbean were able to attend this year's Conference!

Juan Alarcon, Mexico

Claudia Andrade, Brazil

Andres Aninat, Chile

Karine de Arimateia, Brazil

Zenon Raul Barros Cespedes, Chile

Cynara Fiedler Bremer, Brazil

Lia Sipaúba Brusadin, Brazil

Renata Campiotto, Brazil

Ana Cristina Villaça Coelho, Brazil

Luciana Feres, Brazil

Germaine Joseph, Saint Lucia

Sergio Marcelino Da Motta Lopes, Brazil

Gabriela Matos, Brazil

Glaucia Mello, Brazil

Claudia Ochoa, Columbia

Juliana Prestes, Brazil

Marco Antonio Penido de Rezende, Brazil

Rosabella Vita Alvarez-Calderón Silva-Santisteban, Peru

Danielle Steele, Trinidad

Andres Gaviria Valenzuela, Columbia



# 2021 STUDENT SCHOLARS

The APT Scholarship and Outreach Committee selected the following students to receive an APT DC 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. Congratulations to this year's Student Scholars!

**Ifrah Asif**

University of Pennsylvania

**Mentor:** Jill Gotthelf

**Eliza Blackman**

University of Texas at Austin

**Mentor:** Michael Schuller

**Ilil Feiglin**

University of Pennsylvania

**Mentor:** Caroline Alderson

**Michael Gutland**

Carleton University

**Mentor:** Kyle Normandin

**Renee Halle**

Carleton University

**Mentor:** Nancy McCoy

**Elyse Hamp**

Carleton University

**Mentor:** Ilene Tyler

**Georgette Harun**

York University

**Mentor:** Melvyn Green

**Kathryn Luu**

Savannah College of Art and Design

**Mentor:** David Fixler

**Catherine McBain**

Carleton University

**Mentor:** Deborah Slaton

**Luke McElcheran**

Carleton University

**Mentor:** Julia Gersovitz

**William Pepi**

Rensselaer Polytechnic Institute

**Mentor:** Dan Worth

**Khushi Shah**

**Martin Weaver Recipient**

CEPT University

**Mentor:** Ron Anthony

**Natalie Smith**

Carleton University

**Mentor:** Janet Null

**Meris Westberg**

University of Pennsylvania

**Mentor:** Anne Weber

**Alexandra Wysopal**

University of Texas at Austin

**Mentor:** Mary Jablonski

## Student Scholarship Committee

Jeff Greene, Co-Chair and Elaine Shapiro, Co-Chair

## SCHOLARSHIP DONORS

Caroline Alderson

Joan Berkowitz

Dawn Bilobran

Lurita Blank

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Andreea Hamilton

David Hart

Harry Hunderman

Katie Irwin

Mary Jablonski

Mike Jackson

Pamela Jerome

Karen Kincaid Brady

Paul Kuenstner

Julia Mathias Manglitz

Elizabeth Murphy

Joseph Oppermann

SueAnn Pemberton

Suzana Radivojevic

Dane Rausch

Brian Rich

Cory Rouillard

James Shepherd

Deborah Slaton

Ilene Tyler

Sonia Vallese

Kitty Vieth

Peter Wollenberg

Dan Worth





# APT-PETC STUDENT DESIGN-BUILD COMPETITION

APT Preservation Engineering Technical Committee (PETC) Student Design-Build Competition provides real life preservation-based challenges to students, encouraging teams to think outside the box. Finalists will compete virtually in building and testing an unreinforced arch of their design, and to address a set of preservation problems. Conference attendees are encouraged to attend the competition sessions on October 25-26 and the Award Ceremony on October 27 at the APT Conference to cheer on the student teams!

## 2021 APT-PETC Student Design-Build Finalists



### Team 1:

Ahmed Ahmed  
Mihailo Bogoslavov  
George Iskander  
Mina Iskander  
Emina Selman  
Jian Zhu



### Team 2:

Tamar Plotzker  
Xiao Lin Wang  
Abram Morris  
Danielle Ryba



### Team 3:

Chris Kumaradjaja  
Estefania Bohorquez  
Teerat Chaiyatham  
Jonathan Clemente  
Winnie Michi  
Ziming Wang

## 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 that provided direct support to the University of Calgary team. Thank you all!



## APT Preservation Engineering Technical Committee Co-Chairs

Sarah Gray • Rachel Will • Amy Woods





Thank you!  
¡Gracias! Grazie!  
Merci! Obrigado!

