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COMMUNITY, GOVERNMENT & SAVOIR-FAIRE



National Trust  
for Canada

**APT & NATIONAL TRUST FOR CANADA  
2017 JOINT CONFERENCE**

**OCTOBER 11-14**

In  
Association  
With



CAHP | ACECP | 150

**PROGRAM BOOK**



# AGENDA-AT-A-GLANCE\*

Unless noted (Off-site) most conference events will take place at the **Westin Hotel**, see **hotel map on the inside of the back cover**. Workshops (WS), Field Sessions (FS), Walking Tours (FT), Special Events (SE) and events marked (\*) are an additional fee to attend. Stop by the Conference Registration desk for more information.

## Tuesday, October 10

7:00–9:00am	Joint Conference Registration	Westin, Main Hotel Lobby
7:00am–7:00pm	WS1 and WS2 Registration (Off-site)	Château Montebello, Lobby
8:30am–5:00pm	<b>WS1: Big Sticks - Log &amp; Timber Frame Conservation</b> (Day1)	See Page 13
8:30am–5:00pm	<b>WS2: Masonry &amp; Mortars</b> (Day 1)	See Page 13
8:30am–5:00pm	<b>WS3: Digital Diagnostics &amp; Technology</b> (Day 1)	See Page 13
1:00–6:00pm	Joint Conference Registration	Westin, Main Hotel Lobby

## Wednesday, October 11

7:00am–1:30pm	Joint Conference Registration	Westin, Main Hotel Lobby
8:30am–5:00pm	APT Board of Directors Meeting	Château Montebello, Heritage
Various	<b>WS1, WS2, WS3, Day 2</b>	See Page 15
9:00am–12:00pm	<b>WS4 - Mighty Sites: New Partnerships for Historic Sites</b>	Quebec, Level 4
12:30pm–4:30pm	<b>Afternoon Field Sessions (FS4, FS13)</b>	See Page 15
1:00pm–4:00pm	<b>WS5: Punching Above Your Weight</b>	Quebec, Level 4
4:00pm–7:00pm	Joint Conference Registration and Resource Desk	Escalator Foyer, Level 4
6:00pm–9:00pm	National Trust Board of Directors Dinner and Meeting	Newfoundland/Nova Scotia, Level 4
6:30pm–8:30pm	Heritage, circa 1967: The Lessons and Legacy of Canada's Centennial in the Capital and Beyond (Off-site)	See Page 15

## Thursday, October 12

7:00am–7:00pm	Joint Conference Registration and Resource Desk	Escalator Foyer, Level 4
7:00am–8:00am	Joint Continental Breakfast	Escalator Foyer, Level 4
8:00am	<b>Morning Walking Tour (FT1)</b>	See Page 17
Various	<b>Morning &amp; Afternoon Field Sessions (FS1, FS2, FS3, FS5, FS10, FS11)</b>	See Page 17
9:00am–12:00pm	National Trust-National Roundtable on Heritage Education	Provinces I, Level 4
9:00am–12:00pm	Ontario Heritage Planners Network (Off-site)	Château Laurier, Quebec Suite
9:00am–12:00pm	<b>WS6: Downtowns Rising - Strategies for Downtown Renewal</b>	Quebec, Level 4
9:00am–3:00pm	National Trust–National Council Meeting	Provinces II, Level 4
Various	<b>Afternoon Field Sessions (FS6, FS7, FS8, FS12)</b>	See Page 17 and 19
1:00pm–4:00pm	<b>Afternoon Walking Tours (FT2, FT3)</b>	See Page 19
1:00pm–4:00pm	National Trust–National Forum on Heritage Planning (Off-site)	Château Laurier, Quebec Suite
1:00pm–4:00pm	<b>WS7: Building Strength - Regenerating Places of Faith</b>	Quebec, Level 4
1:00pm–4:30pm	College of Fellows Business Meeting	Governor General I, Level 4
1:30pm–3:30pm	CAHP Annual General Meeting	Provinces I, Level 4
3:30pm–5:00pm	APT Preservation Engineering Technical Committee (Off-site)	Château Laurier, Palladian Room
4:00pm–5:00pm	APT Student Scholar and Mentor Meet & Greet	Governor General III, Level 4
4:00pm–5:00pm	<b>SE1: Sponsor Reception</b> (by invitation only)	Daly's, Level 3
4:00pm–9:30pm	Cintec Sponsor Lounge	Ballroom Foyer, Level 4
5:00pm–6:30pm	<b>KS1: Welcome and Opening Keynote</b>	Confederation I & II, Level 4
6:30pm–9:30pm	<b>SE2: Exhibit Hall - Gala</b>	Foyers, Level 4
6:30pm–8:30pm	College of Fellows Human Library Experiment	Governor General Foyer, Level 4
8:00pm–10:00pm	APT Student Scholar Practice Sessions	Governor General I & II, Level 4
9:00pm–11:00pm	APT Chapters Mixer (Off-site)	The Albion Rooms
9:30pm–11:30pm	<b>SE9: A Night @ the Mercury</b> (Off-site)	Mercury Lounge

\* At press time, check the mobile app for the latest information

## Friday, October 13

7:00am–7:00pm	Joint Conference Registration and Resource Desk	Escalator Foyer, Level 4
7:00am–8:30am	APT Materials Restoration Technical Committee	New Brunswick, Level 4
7:30am–8:15am	Joint Continental Breakfast @ Exhibit Hall	Foyers, Level 4
7:30am–4:30pm	Meet and Mingle: Student Build Competition	Newfoundland/Nova Scotia, Level 4
7:30am–5:00pm	Cintec Sponsor Lounge	Ballroom Foyer, Level 4
7:30am–5:00pm	Exhibit Hall	Foyers, Level 4
8:30am–10:00am	Concurrent Paper Sessions (page 26)	Levels 3 and 4
10:00am–10:25am	Break sponsored by IBIX North America	Foyers, Level 4
10:30am–12:15pm	Concurrent Paper Sessions (page 28)	Levels 3 and 4
12:15pm–1:30pm	Joint Lunch Buffet @ Exhibit Hall	Foyers, Level 4
12:15pm–1:30pm	<b>SE3: APT 2018 Preview Lunch and Student Scholar Recognition Program*</b> (ticketed event)	Provinces I & II, Level 4
1:30pm–2:30pm	APT Annual General Meeting	Provinces I & II, Level 4
1:15pm–2:30pm	National Trust Plenary: Closing the Gap - Incentives and the Economics of Conservation	Confederation I, Level 4
2:30pm–2:55pm	Break	Foyers, Level 4
3:00pm–4:30pm	Concurrent Paper Sessions (page 30)	Levels 3 and 4
4:30pm–5:30pm	APT Training & Education Committee	Les Saisons, Level 2
4:30pm–5:30pm	APT Documentation Technical Committee	Saskatchewan, Level 3
4:30pm–5:30pm	National Trust Heritage Patron Circle Cocktail (by invitation only)	Bonaventure Suite
4:30pm–5:30pm	APT Publications Committee	New Brunswick, Level 4
5:00pm–5:45pm	AIA-HRC Cocktail Reception (Off-site)	Château Laurier: Adam Corridor
5:45pm–7:15pm	<b>KS2: COF Keynote &amp; Installation</b> (Off-site)	Château Laurier: Adam Room
7:30pm–10:30pm	<b>SE4: APT Awards Banquet*</b> (Off-site, ticketed event)	Château Laurier: Ballroom
7:30pm–10:00pm	<b>SE5: National Trust &amp; CAHP Awards Ceremony &amp; Reception</b> (Off-site)	St. Brigid's Centre for the Arts

## Saturday, October 14

7:00am–6:00pm	Joint Conference Registration and Resource Desk	Escalator Foyer, Level 4
7:00am–8:30am	APT Sustainable Preservation Committee Meeting	Quebec, Level 4
7:30am–4:00pm	Cintec Sponsor Lounge	Ballroom Foyer, Level 4
7:00am–7:45am	<b>SE6: Chapters Breakfast*</b> (ticketed event)	Provinces I & II, Level 4
7:45am–8:30am	APT Chapters Committee	Provinces I & II, Level 4
7:45am–8:30am	Joint Continental Breakfast @ Demonstration Pavilion	Foyers, Level 4
7:45am–3:30pm	<b>New Event!</b> Demonstration Pavilion	Foyers, Level 4
8:00am–5:00pm	<b>SE8: TCPE-Student Masonry Arch Competition</b>	Confederation Foyer, Level 4
8:45am–10:15am	<b>KS3: Historic Buildings and the Race to Net-Zero Carbon</b>	Confederation I & II, Level 4
10:15am–10:45am	Break sponsored by Bullwealth	Foyers, Level 4
10:45am–12:15pm	Concurrent Paper Sessions (page 32)	Levels 3 & 4
12:15pm–1:25pm	Lunch Buffet	Ballroom Foyer, Level 4
12:15pm–1:25pm	APT Board of Directors Meeting - Session 2	Quebec, Level 4
1:30pm–3:00pm	Concurrent Paper Sessions (page 34)	Levels 3 & 4
1:30pm–3:00pm	APT Latin American Chapter: Heritage Preservation in Latin America	Ontario, Level 3
3:00pm–3:25pm	Break	Foyers, Level 4
3:30pm–5:00pm	National Trust Plenary: Architecture as a Step Towards Reconciliation	Confederation I, Level 4
3:30pm–5:00pm	College Of Fellows Plenary: Information Management in Preservation	Confederation II, Level 4
5:00pm–6:00pm	National Trust Annual General Meeting	Confederation I, Level 4
6:00pm–8:00pm	National Trust Board Meeting & Dinner (Off-site)	Sir John A Macdonald Building
6:00pm–10:00pm	<b>SE7: Special Joint Closing Celebration*</b> (Off-site, ticketed event)	Sir John A Macdonald Building



Our Heritage Institute is located at Algonquin College, Perth Campus in Perth Ontario. With programs designed and delivered by experts in their craft, we emphasize your role as a producer rather than an installer of building products. We nurture a mindset honouring sustainability in all respects - social, cultural, environmental and economic. We develop your skill-set to set you apart in the challenging field of custom and heritage conservation, preservation and restoration. Authenticity and craft is our calling card.

At Algonquin College, Perth Campus, the Heritage Institute is now celebrating our 27th year of operation. The Heritage Institute is well known and respected for our Heritage Carpentry and Joinery and our Masonry - Heritage and Traditional diploma programs. We have recently launched an expanded suite of part-time course offerings with partners in built heritage and heritage arts.

## Masonry - Heritage and Traditional

Unique in Canada, this Ontario College Diploma program provides instruction from new residential and commercial construction through the demanding field of heritage restoration in all its forms. Students obtain sound fundamentals in veneer and composite wall systems, arch design and construction, fireplace and chimney construction, rubble stone construction, setting out and cutting traditional stone moldings, contemporary stonemasonry and traditional dry stone walling, stone cutting, stone carving, sympathetic restoration repairs and mortar science.



We partner with experts to provide Heritage Craft Continuing Education

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## Heritage Carpentry and Joinery

This program is focused on instilling sound fundamentals: woodworking and traditional joinery; historic and modern carpentry; construction practices; drafting and print reading; geometric layout; wood technology and architectural history and terminology. These strong fundamentals allow the program of study to expand in the second year to include: traditional doors and windows; timber frame and log construction; architectural millwork; staircasing; building science and conservation techniques.



[algonquincollege.com/perth](http://algonquincollege.com/perth)  
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# 2017 JOINT CONFERENCE

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## GENERAL INFORMATION

**Attire:** Most events call for business casual. Field sessions may combine both indoor and outdoor locations, so it is recommended you dress in layers and wear good walking shoes. Some field sessions have required items; see the details in the event section of the program book. For the evening award events and the Closing Celebration, cocktail attire is recommended, but not mandatory.

**Badges are required** at all conference events. Some surrounding businesses participate in the Flash Your Badge program and offer discounts. Visit <https://www.ottawatourism.ca/fyb/> for more information.

**Events:** Most conference events will take place at the Westin Hotel on the fourth level. The detailed agenda includes room locations, level, and events that are off-site. See maps on page 44 and the inside back cover.

**Events with fees:** Space permitting, you may still register for a workshop, field session and/or purchase special

event (SE) tickets. Visit the Conference Registration Desk for more information.

**Lost and Found:** Will be located at conference registration, level 4, escalator foyer, beginning on Wednesday, October 11 at 4:00pm.

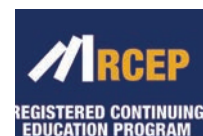
**Meals:** Your full Conference registration includes food served at the Exhibit Hall and listed joint continental breakfasts or joint buffet lunches. Breakfast and lunch are included in some workshops (WS1, WS2, WS3). Meals on your own are a great opportunity to see Ottawa! We have maps of the downtown area showing places of interest available at registration, make sure you pick one up!

**Mobile App Assistance:** Visit the Resource Desk located across from registration during regular hours.

**Off-site Workshops:** WS1 and WS2 will be held at the Château Montebello. See full details in the detailed agenda, page 15.

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

- 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)



The National Trust has ensured that Professional Learning Credits are also available from Canadian associations such as the Ontario Association of Architects, Ordre des architectes du Québec, and the Canadian Institute of Planners. Please see the conference website.



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# WELCOME!



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Hello, Bonjour!

On behalf of the Association for Preservation Technology International and the National Trust for Canada, welcome to a milestone conference, and the historic capital city of Ottawa - the place to be for celebration of Canadian Confederation's 150th anniversary. Embracing the historic opportunity, CAPITALIZING on HERITAGE: COMMUNITY, GOVERNMENT and SAVOIR-FAIRE makes history by bringing together under one roof two mighty organizations with a shared history - starting with a period of cohabitation here in Ottawa in the early days.

We are excited about the synapses that will spark as our constituencies come together: The National Trust brings the "Why" with its conviction that heritage is a building block for strong and sustainable communities. APT brings the "How" - the pure joy of understanding and renewing historic materials, assemblies and landscapes. This is a perfect opportunity to explore how people, policy, and preservation practice intersect to renew landmarks, protect what matters, and create vibrant places.

We are also very pleased to be presenting this historic gathering in association with the Canadian Association of Heritage Professionals (CAHP), a long-time National Trust conference partner that brings insights from heritage practitioners and industry across Canada.

Together, we welcome the many professionals, leaders, advocates and decision makers convening in Ottawa for what promises to be the largest heritage gathering ever staged in Canada. Thank you for joining us!

*Richard Moorhouse*  
Chair, National Trust

*Dean Koga*  
President, APT

*Natalie Bull,*  
Executive Director, National Trust

*Paul Kuenstner*  
Executive Director, APT

*As a "dual citizen" of the National Trust and APT, I can't imagine anything more exciting than merging our shared passion for place, people and preservation technology in a single massive event. Warm greetings, dear colleagues!*

*-Natalie Bull, Executive Director, National Trust  
Fellow and past president, APT*

*CAPITALizing on HERITAGE provides an extraordinary opportunity to explore the intersection of heritage policy and technical issues, from macro to micro in scale, with subject matter as diverse as cultural landscapes, non-destructive testing, heritage advocacy, engineering, sustainability, and project financing.*

*-Dean Koga, President, APT*

*Ottawa is a veritable heritage hub: situated on the unceded ancestral territory of the Algonquin Anishinabe; a logging town at the confluence of three rivers transformed as national capital; and a modern high tech hot spot with a wealth of conservation success stories. Welcome!*

*-Richard Moorhouse, Chair, National Trust*

*This conference is a rare opportunity for delegates from all parts of the heritage field to share the best in technology, policy, means and methods for preserving and renewing heritage buildings, sculptures, districts and engineering works.*

*- Paul Kuenstner, Executive Director, APT*

*The Canadian Association of Heritage Professionals welcomes the opportunity for our members to once again share their experiences and expertise with colleagues from across Canada, the U.S., and beyond at this historic joint conference.*

*- Rosanne Moss, President, Board of Directors, CAHP*

# CINTEC



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Panel, Replacement Tie System

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Strengthening System Masonry to Timber Joists / Beams

Wall Reinforcement / Strengthening - In Plane

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This year's joint conference was a huge undertaking, and we appreciate all the countless hours and commitment of the individuals who worked to make this a success!

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LCC Co-Chair, APT & Program  
Sub-Committee Co-Chair

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Hanna Bell

Keith Blades

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John Cooke

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The APT/National Trust for Canada Joint Conference is also brought to you by members of these

APT Technical and Standing Committees:

Training and Education Committee

Technical Committee on Modern Heritage

Technical Committee on Preservation Engineering

Technical Committee on Sustainable Preservation

Technical Committee on Documentation

National Trust Standing Groups:

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National Roundtable on Heritage Education

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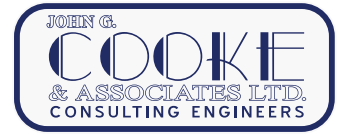


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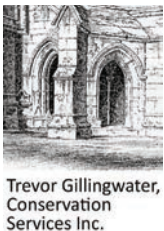
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David Hart  
David Woodcock

Dean Koga  
Erin Fisher  
Evan Kopelson  
James Shepherd  
Janet Null

Joan Berkowitz  
Joseph Oppermann  
Kara Dotter  
Lesley Gilmore  
Lianne Maitland

Mary Jablonski  
Michael DeBlasio  
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Nan Gutterman

Natalie Feinberg Lopez  
Pat Buchik  
Sue Ann Pemberton  
Thomas Boothby  
Timothy Crowe

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- The ability to create your own schedule by bookmarking the sessions you want to attend
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# AGENDA\*

\*At time of printing, subject to change. Please check the mobile app for the latest information.

## Monday, October 9

- 3:00pm–6:00pm **Joint Conference Registration**  
Hotel Lobby, Westin Ottawa
- 5:00pm–9:00pm **WS1 and WS2 Registration**  
Château Montebello, Lobby

**7:00pm Depart to Château Montebello (WS1, WS2)**  
Hotel Lobby, Westin Ottawa

## Tuesday, October 10

- 7:00am–7:00pm **Registration (WS1, WS2)**  
Château Montebello, Lobby
- 7:30am–8:30am **Breakfast (WS1, WS2)**  
The Montebello Room
- 7:00am–9:00am **Joint Conference Registration**  
Hotel Lobby, Westin Ottawa
- 7:15am–8:00am **Breakfast (WS3)**  
Hotel Lobby, Westin Ottawa

**8:00am Bus departure for Carleton University (WS3)**  
Hotel Lobby, Westin Ottawa

8:30am–5:00pm

### WS1 Big Sticks - Log & Timber Frame Conservation

Château Montebello, Le Club

Workshop coordinator and speaker: Ronald W. Anthony

Additional speakers:

Gorde Macdonald	Ed Meade
Doug Porter	Mike Cotroneo
Lyse Blanchet	Andrew Pamerter

This workshop will bring together professionals of different disciplines that encounter logs and large timbers within the context of historic preservation. Through lectures and demonstration sessions, the participants will gain knowledge and appreciation for the capabilities and limitations of “big sticks” from the perspective of architecture, engineering, material, and craft.

8:30am–5:00pm

### WS2 Masonry and Mortars

Château Montebello, Montebello Room

Workshop coordinator and speaker: Marc G. Côté

Additional speakers:

Nigel Copsey	Ben Gourley
David Edgar	Ken Trischuk
Eric Jokinen	Keith Blades
John Walsh	Michael P. Edison

Participants will gain knowledge and appreciation for the capabilities, advantages, benefits, and limitations of various historic binders. There will be an international cast of Masonry Conservation Leaders presenting and providing hands-on demonstrations. The classroom sessions will be held at Château Montebello, and the hands-on demonstration will proceed at the Papineau Chapel located on the same lot.

## Tuesday, October 10 (con't)

8:30am–5:00pm

### WS3 Digital Tools for Documentation

Carleton University

Workshop coordinators and speakers:

Mario Santana Quintero
James W. Shepherd
Christopher Gray
APT Technical Committee on Documentation
Carleton Immersive Media Studio, Carleton University
ICOMOS/ISPRS CIPA Heritage Documentation

Additional Speakers:

Abhijit Dhanda	Stephen Fai
Katie Graham	James Hayes
Jeremy Laliberte	Davide Mezzino
Christian Ouimet	Sujan Shrestha
Stephen Vickers	

Participants will be introduced to specific/consolidated recording techniques to document and therefore conserve built heritage sites with appropriate accuracy and in a relatively short period. This will be demonstrated by using a pilot project in collaboration with CIMS to accurately record and produce measured records for the conservation of built heritage in Ottawa. The workshop is organized by a multidisciplinary team of experts from Carleton Immersive Media Studio (CIMS) and the APT Documentation Technical Committee.



10:30am–10:15am

**Break**

Noon–1:00pm

**Lunch (WS1 and WS2)**

The Montebello Room

Noon–1:00pm

**Lunch (WS3)**

Carleton University

1:00pm–6:00pm

**Joint Conference Registration**

Hotel Lobby, Westin Ottawa

3:00pm–3:15pm

**Break**

**5:00pm Bus departure for Westin Ottawa (WS3)**  
Carleton University

## Wednesday, October 11

7:30am–8:30am

**Breakfast (WS1, WS2)**

The Montebello Room

7:00am–1:30pm

**Joint Conference Registration**

Hotel Lobby, Westin Ottawa

7:15am–8:00am

**Breakfast (WS3, WS4)**

Hotel Lobby, Westin Ottawa

**8:00am Bus departure for Carleton University (WS3)**  
Hotel Lobby, Westin Ottawa



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Motherwell Homestead National Historic Site, Saskatchewan

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July 7, 2018

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#HISTORICPLACESDAY



## Wednesday, October 11 (con't)

8:30am–5:00pm **APT Board of Directors Meeting**  
Château Montebello, Heritage Room

8:00am–5:00pm  
**WS1 Big Sticks - Log & Timber Frame Conservation**  
(Day 2) Château Montebello, Le Club

8:30am–5:00pm  
**WS2 Masonry and Mortars** (Day 2)  
Château Montebello, Montebello Room

8:30am–5:00pm  
**WS3 Digital Tools for Documentation** (Day 2)  
Carleton University

**The following workshops are at the Westin Ottawa**

9:00am–12:00pm  
**WS4 Mighty Sites: New Partnerships for Historic Sites**  
Quebec, Level 4

*Workshop coordinators and speakers:*  
Robert Pajot and Nhanci Wright

Learn about finding and managing new partners in order to engage with new audiences and identify new revenue streams for your historic site. This workshop is part of the National Trust's Regeneration Works suite of training ([www.regenerationworks.ca](http://www.regenerationworks.ca)).

10:00am–10:15am **Break**

Noon–1:00pm **Lunch (WS1, WS2)**  
The Montebello Room

Noon–1:00pm **Lunch (WS3)**  
Carleton University

12:30pm–4:30pm  
**FS4 Accommodating Modern Parliamentary Functions in Heritage Buildings**

**Meet in Westin Hotel Lobby by Noon**

This tour will explore the Senate side in the Gothic Revival Centre Block and then proceed via the East Block to review the conservation plans for that building and its challenges. The tour will end at the Government Conference Centre and former Union Station. ***This field session includes a visit to an active construction site – participants will be required to provide their own safety gear including construction boots with steel toes and steel plate, hard hat, protective safety glasses and safety vests. Participants will not be allowed to the Government Conference Centre site without this.***

12:30pm–4:30pm  
**FS13 The West Block Rehabilitation Project**  
**Meet in British Columbia, Level 2**

This project is in its final stages; it encompasses work ranging from the grandest of new architectural gestures to the minutest of restoration details. This half day field session will include discussions by some of the people closest to the work and will dig deep into the technical details. ***This field session includes a visit to an active construction site – participants will be required to provide their own safety***

## Wednesday, October 11 (con't)

***gear including construction boots with steel toes and steel plate, hard hat, protective safety glasses and safety vests. Participants will not be allowed to the West Block site without this.***

1:00pm–4:00pm  
**WS5 Punching Above Your Weight: Fundraising for your Historic Place**

Quebec, Level 4

*Workshop coordinators and speakers:*

Alison Faulknor and Nhanci Wright

Learn how to make effective use of your resources, pick the right strategies for your project, attract new donors, use social media to expand your network, and tell your story effectively. This workshop is part of the National Trust's Regeneration Works suite of training ([www.regenerationworks.ca](http://www.regenerationworks.ca)).

2:00pm–2:15pm **Break**

4:00pm–7:00pm **Joint Conference Registration**  
Escalator Foyer, Level 4

**5:00pm Bus departure for Westin Ottawa (WS3)  
Carleton University**

6:00pm–9:00pm **National Trust Board Dinner and Meeting**  
Newfoundland, Nova Scotia, Level 4

6:30pm–8:30pm  
**Heritage, circa 1967: The Lessons and Legacy of Canada's Centennial in the Capital and Beyond**  
Capital Urbanism Lab (Off-site, see map, page 43)

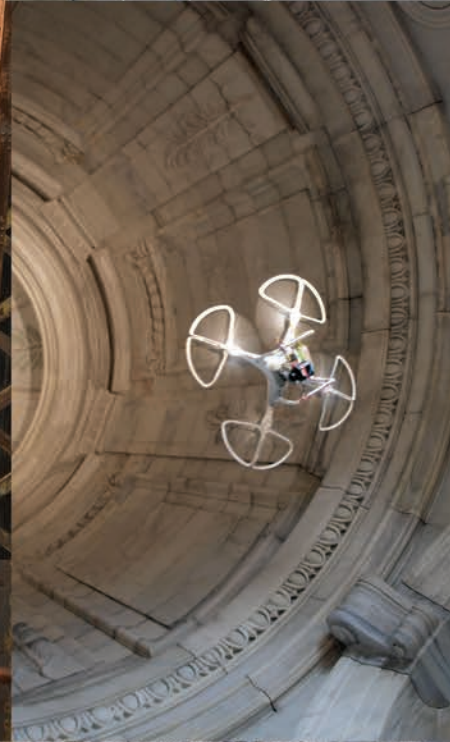
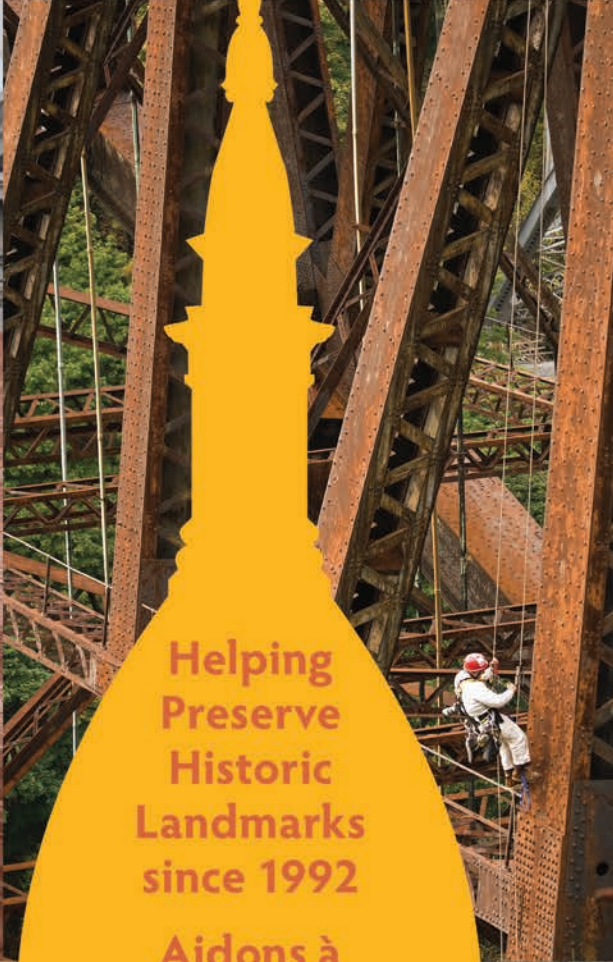


NCC  
CCN A joint public and conference event  
presented by the NCC



*Susan Macdonald, Head of Field Projects, Getty Conservation Institute  
Claudine Déom, Associate Professor at the University of Montréal  
Andrew Waldron, Architectural Historian and Author of Exploring the Capital: An Architectural Guide to the Ottawa-Gatineau Region*

The Capital was being transformed in 1967 – railways relocated, parkways constructed, new buildings erected, old buildings demolished or in some cases, protected. All this in the name of forging a strong Canadian identity. Across Canada and the western world, a conservation movement was also emerging. Our speakers will explore what was going on in the Capital, in Canada and internationally in the 1960s, the lessons and legacy of that period, and what it means for heritage conservation in 2017.



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[kent@vertical-access.com](mailto:kent@vertical-access.com) • 607-257-4049

## Thursday, October 12

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7:00am–7:00pm **Joint Conference Registration and Resource Desk**  
Escalator Foyer, Level 4

7:00am–8:00am **Joint Continental Breakfast**  
Escalator Foyer, Level 4

8:00am–4:30pm

### **FT1 Gatineau Park and Strutt House**

#### **Meet in Westin Hotel Lobby by 7:45am**

Gatineau Park was created in embryonic form in 1938 and later expanded as part of the Greber Plan for the Nation's Capital (1946-1950). This tour will begin with a stop at the Gatineau Park visitor centre for an introduction to modernist architecture in the Capital as a prelude to a guided visit of the iconic Strutt House (1956) by architect James Strutt.

8:00am–12:00pm

### **FS1 Canadian Conservation Institute (CCI) and Parks Canada Labs**

#### **Meet in Westin Hotel Lobby by 7:30am**

Learn how CCI conserves Canada's heritage collections by supporting Canadian museums, archives and historic sites. The tour continues with a visit to Parks Canada's collections, where you will see conservation and conservation science laboratories as well as laboratories for other disciplines. Learn how Parks Canada's experts support built heritage and interior restoration projects across Parks Canada's network of national historic sites.

8:00am–12:00pm

### **FS2 Carleton Immersive Media Studio (CIMS)**

#### **Meet in Westin Hotel Lobby by 7:30am**

CIMS is a Carleton University research centre dedicated to the advanced study of innovative, hybrid forms of representation that can both reveal the invisible measures of architecture and animate the visible world of construction. This tour will showcase digitalization, building information modeling, simulation and virtual reality as well as digitally-assisted fabrication and storytelling.

8:00am–12:00pm

### **FS3 The Parliament Hill Landscape**

#### **Meet in Westin Hotel Lobby by 7:30am**

Led by a Landscape Historian and a Conservation Landscape Architect, the tour will shed light on the origins and evolution of the Parliament Hill cultural landscape. This 19th century creation, characterized by the triad of Gothic Revival Parliament buildings creating a forecourt lawn and picturesque Pleasure Grounds, is accentuated by its wild Escarpment perch above the Ottawa River.

8:00am–4:00pm

### **FS10 Rideau Canal World Heritage Site: The Rural Canal**

#### **Meet in Westin Hotel Lobby by 7:30am**

This tour will take participants south of Ottawa along the canal to communities such as Merrickville and Smiths Falls. The tour will include an overview of the technical challenges to repair the canal's massive stone masonry walls and to repair and keep the wooden lock gates operational. The tour also includes a visit to two locks, one to be preserved, and one where preservation is just completed. There will also be a lecture at the Parks Canada offices in Smith Falls.

## Thursday, October 12 (con't)

---

8:30am–12:00pm

### **FS5 Mid-Century Modern**

#### **Meet in Westin Hotel Lobby by 8:00am**

This walking tour will highlight some of Ottawa's modern heritage landmarks such as the National Arts Centre, Bank of Canada Building, National Library and Archives Building, and the Supreme Court Building. The tour will include a detailed building interior tour of the National Arts Centre and will be conducted by a well-known architectural historian.

8:30am–12:00pm

### **FS11 Rideau Canal World Heritage Site: The Urban Canal**

#### **Meet in Westin Hotel Lobby by 8:00am**

The 202 km Rideau Canal was built between 1826 and 1832 as a defense work but was never used as such. It is the oldest continually operated canal system in North America. This tour will begin at the Bytown Museum and the first flight of eight locks that connect the end of the canal to the Ottawa River. Participants will then walk along the canal through the city to the Cartier Square Drill Hall and, finally to the redeveloped Lansdowne Park where two important Ottawa landmarks have been conserved: the Victorian-style Aberdeen Pavilion and the Prairie-style Horticulture Building both used for agricultural exhibits and shows.

9:00am–12:00pm

### **National Trust–National Roundtable on Heritage Education** Provinces I, Level 4

9:00am – 12:00pm

### **Ontario Heritage Planners Network**

Château Laurier, Quebec Suite

9:00am–12:00pm

### **WS6 Downtowns Rising: Strategies for Downtown Renewal** Quebec, Level 4

*Workshop coordinator and speaker:* Jim Mountain

*Additional speakers:* Kay Matthews

Chris Penton

Grace Xin

Michelle Wilson

Bradley Murphy

Join this interactive workshop to learn about the National Trust's Main Street approach for downtown revitalization and of inspiring solutions from urban Ottawa, and towns and cities across Canada, the US, and abroad. This workshop is part of the National Trust's Regeneration Works suite of training ([www.regenerationworks.ca](http://www.regenerationworks.ca)).

9:00am–3:00pm

### **National Trust–National Council Meeting**

Provinces II, Level 4

12:30pm–4:00pm

### **FS6 Wellington South: Reinventing Crown in Town**

#### **Meet in Westin Hotel Lobby by Noon**

This walking tour will examine the buildings along Wellington Street South starting at the Langevin Block, which houses the Prime Minister's Office, the former U.S. Embassy by architect Cass Gilbert, and two recently rehabilitated buildings: the former Metropolitan Life Insurance Co. Canadian headquarters, as well as the former Bank of Montreal and its modern annex, now known as the Sir John A. Macdonald Building, House of Commons Hall of State.

# THE GETTY CONSERVATION INSTITUTE



In June, the Getty Conservation Institute (GCI) and the Salk Institute for Biological Studies, along with their consultant Wiss, Janney, Elstner Associates, Inc., completed the conservation of the teak window wall assemblies, one of the key architectural elements of this iconic building in La Jolla, California designed by Louis I. Kahn (1965). The Salk Institute Conservation Project is one of the components of GCI's Conserving Modern Architecture Initiative. Photo: Joe Belcovson/Salk Institute.

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*The GCI Newsletter*



The Getty Conservation Institute



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## Thursday, October 12 (con't)

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12:30pm–4:30pm

### **FS7 The House of Commons of Canada - Accommodating Modern Parliamentary Functions in Heritage Buildings**

#### **Meet in Westin Hotel Lobby by Noon**

This half day guided tour will explore the House of Commons side in the Gothic Revival Centre Block of Parliament Hill and the ongoing rehabilitation of the West Block which is to house the House of Commons during the upcoming Centre Block Rehabilitation. The un-insulated and unreinforced stone masonry buildings with its copper roof and tall spires and the impact of a 1960s renovation presented numerous conservation challenges. The architects of the current West Block rehabilitation project that includes a modern courtyard infill with a glass roof will present. **This field session includes a visit to an active construction site – participants will be required to provide their own construction boots with steel toes and steel plate, hard hat, protective safety glasses and safety vests. Participants will not be allowed to the West Block site without this.**

1:00pm–4:00pm

### **National Trust–National Forum on Heritage Planning**

Château Laurier, Quebec Suite

1:00pm–4:00pm

### **FS8 The Historic Chaudière Site**

#### **Meet in Westin Hotel Lobby by 12:30pm**

From indigenous meeting place to post-industrial site, the historic Chaudière Falls site is now the location of a vast urban redevelopment scheme that will introduce a new mixed-use neighborhood into the middle of the Ottawa River, at the foot of Parliament Hill. The tour will focus on the history of the site, the cultural landscape and the adaptive re-use challenges faced in the rehabilitation of the industrial buildings. The developer and heritage experts will take part in the tour.

1:00pm–4:00pm

### **FS12 Ottawa River Boat Tour**

#### **Meet in Westin Hotel Lobby by 12:30pm**

The tour will start with a brief overview of the landscape of the PPB grounds before heading down to the docks. The two hour cruise will cover from Chaudière Island to the west to the Rideau Falls to the east as participants gain an understanding of history and development along the shores of the Ottawa River: the spectacular Parliament Buildings, official residences, embassies and museums as well as paper mills, government buildings and a working class neighborhood and 24 Sussex, the official residence of the Prime Minister of Canada

1:00pm–4:00pm

### **FT2 Ottawa Foodie and Rural Heritage Tour**

#### **Meet in Westin Hotel Lobby by 12:30pm**

The National Capital Region has over 120,000 hectares of fertile farmland within its limits, including 1300 farms! This tour provides a vast array of local delights, helping generate the recent "coming out" of Ottawa as a major "foodie" destination and maintains it as a significant "resilient, local food" Capital.

## Thursday, October 12 (con't)

---

1:00pm–4:00pm

### **FT3 Lowertown and Byward Market**

#### **Meet in Westin Hotel Lobby by 12:30pm**

Established in 1826, Ottawa's Byward Market area is one of Canada's oldest and largest public markets and mixed-use neighborhood. Designated as a Heritage Conservation District (HCD), the HCD Plan built upon the history of the community and its development, and deliberately embraced community-controlled chaos as an approach to managing future change and development. Today, the Market (as it is known locally) continues to evolve both culturally and in built form with the regular rehabilitation, renovation and replacement of the existing building stock. This half-day walking tour will focus on heritage-sensitive urban infill development.

1:00pm–4:00pm

### **WS7 Building Strength: Regenerating Places of Faith**

Quebec, Level 4

Workshop coordinator and speaker: Robert Pajot

Additional speaker: Stephen Collette

Successfully regenerating places of faith takes a strong vision that is grounded within the realities of your community. Learn how to focus energy on missional work and develop meaningful community engagement strategies that will support a sustainable and revitalized faith property. This workshop is part of the National Trust's Regeneration Works suite of training ([www.regenerationworks.ca](http://www.regenerationworks.ca)) and is delivered in partnership with Faith and the Common Good ([www.placesoffaith.ca](http://www.placesoffaith.ca)).

1:00pm–4:00pm

### **National Trust - National Forum on Heritage Planning**

Château Laurier, Quebec Suite

1:00pm–4:30pm

### **College of Fellows Business Meeting**

Governor General I, Level 4

1:30pm–3:30pm

### **CAHP Annual General Meeting**

Provinces 1, Level 4

3:30pm–5:00pm

### **APT Preservation Engineering Technical Committee Meeting**

Château Laurier, Palladian Room

4:00pm–5:00pm

### **APT Student Scholar and Mentor Meet & Greet**

Governor General III, Level 4

4:00pm–5:00pm

### **SE1: Sponsor Reception (by invitation only)**

Daly's, Level 3

4:00pm–9:30pm



### **Cintec Sponsor Lounge**

Ballroom Foyer, Level 4

Cintec™ International is a globally recognized leader in engineering of structural masonry reinforcement & anchoring systems. They will be set up during the conference and they invite all attendees to stop by, meet with their experts or simply relax. Stop by today or on Friday, between 7:30am–5:00pm and on Saturday between 7:30am–4:00pm.

## Thursday, October 12 (con't)

5:00pm–6:30pm

### KS1: Welcome Address and Opening Keynote

Confederation I & II, Level 4



John Ralston Saul, Chief Jean-Guy Whiteduck, and Chief Kirby Whiteduck

The official welcome to the 2017 APT-National Trust Joint Conference. Come learn about the host city, its Indigenous communities and historical roots, and be inspired by one of the world's leading thinkers and visionaries.

Welcome: Chief Jean-Guy Whiteduck (Kitigan Zibi Anishinabeg) & Chief Kirby Whiteduck (Algonquins of Pik-wàkanagàn First Nation)

Keynote: John Ralston Saul, *Award-winning essayist and novelist, President Emeritus of PEN International, co-Chair of the Institute for Canadian Citizenship* - People and Place: The Complex Linkage of Our Lives, Our Mythologies, and Our Physical Reality

6:30pm–9:30pm

### SE2: Exhibit Hall - Gala Foyers, Level 4



Network with exhibitors while enjoying delicious appetizers and cocktails. The Exhibit Gala is a festive event which gives you the opportunity to connect with exhibitors, learn about their wares and services, and meet with the key decision makers.

6:30pm

### Student Design Build Competition Teams : Qualifying Submission Presentations

Newfoundland/Nova Scotia

Full schedule of the Student Build Competition on page 41.

6:30pm–8:30pm

### College of Fellows Human Library Experiment

Governor General Foyer



We invite all students and emerging professionals to stop by this evening and gain some insight from seasoned members and professionals at the inaugural College of Fellows Human Library Experiment. Tables will be set up, and an individual's area of expertise or experience will be posted. We encourage you to sit and have candid conversations on heritage preservation, concerns or questions you have. Stop by, and "check-out" some new perspectives!

8:00pm–10:00pm **APT Student Scholar Practice Sessions**  
Governor General I & II, Level 4

## Thursday, October 12 (con't)

9:00pm–11:00pm

### APT Chapters Mixer

The Albion Rooms (Off-site, see map page 44)



Open to all conference attendees, join APT members and enjoy a bite while socializing at a great spot just blocks from the Westin. No fee required to attend, pay for your own expenses. If you are not a member, maybe you'll be our newest!

9:30pm–11:30pm

### SE9: A Night @ the Mercury

Mercury Lounge (Off-site, see map page 44)



In 7 minute bursts, participants will showcase the good, the bad, the funny, and the ugly stories of their heritage-related experiences. Musical performances, spoken word, stand-up comedy, story-telling, are all invited. This a 'Donation-At-The-Door event'. The evening's purpose is to help raise awareness and funds for the Herb Stovel Scholarship Fund which supports students and young professionals studying and working in heritage conservation. Space is limited. To present, please contact: Jim at [jmountain@nationaltrustcanada.ca](mailto:jmountain@nationaltrustcanada.ca)

## Friday, October 13

7:00am–7:00pm

### Joint Conference Registration and Resource Desk

Escalator Foyer, Level 4

7:00am–8:30am

### APT Materials Restoration Tech. Comm.

New Brunswick, Level 4

7:30am–8:15am

### Joint Continental Breakfast @ Exhibit Hall

Foyers, Level 4

7:30am–5:00pm

### Cintec Sponsor Lounge

Ballroom Foyer, Level 4

7:30am–5:00pm

### Exhibit Hall

Foyers, Level 4



Start your morning early, grab a cup of coffee, a bite to eat and catch up with any exhibitors you missed last night. Exhibitors will be here until 5:00pm, so stop by anytime during the day!

7:30am–4:30pm

### Meet and Mingle Student Build Competition

Newfoundland / Nova Scotia, Level 4

Teams will be at competition room and around the Exhibit Hall looking to engage preservation professionals as they work on their preservation problems.

8:30am–10:00am

### Concurrent Paper Sessions (see page26)

Levels 3 and 4

10:00am–10:25am

### Break Sponsored by IBIX North America

Foyers, Level 4

10:30am–12:15pm

### Concurrent Paper Sessions (see page28)

Levels 3 and 4

12:15pm–1:30pm

### Joint Lunch Buffet @ Exhibit Hall

Foyers, Level 4

## Friday, October 13 (con't)

12:15pm–1:30pm

### SE3: APT 2018 Preview Lunch and Student Scholar Recognition Program (ticketed event)

Provinces I & II, Level 4

If you think Buffalo is just a view of Niagara Falls, you need to join us and learn why APT Buffalo 2018 is a great place for conference! We will also have the pleasure of meeting our 2017 Student Scholars, their mentors and school advisors.

1:30pm–2:30pm **APT Annual General Meeting**  
Provinces I & II, Level 4

1:15pm–2:30pm

### National Trust Plenary: Closing the Gap-Incentives and the Economics of Conservation

Confederation I, Level 4



Thomas Cassidy, VP, Government Relations & Policy, National Trust for Historic Preservation, Anna Mod, Director, Southwest Office, MacRostie Historic Advisors and Tobi Nussbaum, Councillor, City of Ottawa & Chair, Built Heritage Sub-Committee

Heritage building rehab is a key tool in community regeneration and the fight against climate change. And yet, many factors continue to discourage heritage development. Can financial incentives help establish a price signal that will change the way mainstream Canadians view heritage properties? What can be learned from the 40-year-old United States Historic Rehabilitation Tax Credit program? This dynamic Davos-style session will explore how incentives can help turn the tide.

2:30pm–2:55pm **Break** Foyers, Level 4

3:00pm–4:30pm **Concurrent Paper Sessions (see page30)**  
Levels 3 and 4

4:30pm–5:30pm **APT Training & Education Committee**  
Les Saisons, Level 2

4:30pm–5:30pm **APT Documentation Technical Committee**  
Saskatchewan, Level 3

4:30pm–5:30pm **APT Publications Committee**  
New Brunswick, Level 4

5:00pm–5:45pm **AIA-HRC Cocktail Reception**  
Château Laurier, Adam Corridor  
Off-site, see map on inside back cover

Historic Resources  
Committee

an AIA Knowledge Community



The AIA Historic Resources Committee invites you to join them for a cocktail and light hors d'oeuvres before the COF Keynote Lecture.

## Friday, October 13 (con't)

4:30pm–5:30pm

### National Trust Heritage Patron Circle Donor Cocktail

Bonaventure Suite, Westin Hotel  
By Invitation Only

5:45pm–7:15pm

### KS2: COF Keynote & Installation

Château Laurier, Adam Room, see map on inside back cover  
Join us as we induct the 2017 APT Fellows.



Keynote: Charles Fairbank  
Fourth-generation oil producer and recipient of National Trust for Canada's Gabrielle Leger Medal for Lifetime Achievement

Topic: Recognizing 19th Century Oil Technology in a Modern World

Mr. Fairbank reveals that legacy and also the decades of many steps for protecting this cultural landscape.

7:30pm–10:30pm

### SE4: APT Awards Banquet\* (ticketed event)

Château Laurier, Ballroom, see map on inside back cover  
Step back in time in this French Renaissance-style Ballroom that dates back to 1912, offering 18-foot ceilings from which hang three spectacular crystal chandeliers. The Ballroom will serve as a beautiful backdrop for our celebratory dinner as we recognize our colleagues who made significant contributions to the Association and the industry as well as awarding the Harley McKee Award. We will also announce the winners of the Student Scholar Scavenger Hunt fundraiser!

7:30pm–10:00pm

### SE5: National Trust & CAHP Awards Ceremony and Reception

St. Brigid's Centre for the Arts, see map page 44

Built in 1889, St. Brigid's is a magnificent former church whose story of being rescued and adapted into a performance and arts venue is truly inspiring. Join us for a showcase of Canada's top heritage awards – including the Ecclesiastical Insurance Cornerstone Awards for Building Heritage – and be entertained by special musical guests. Dress code – business attire. A cash bar will be available before and after the ceremony. This is a free event, no ticket required.

## Saturday, October 14

7:00am–6:00pm

**Joint Conference Registration and Resource Desk**  
Escalator Foyer, Level 4

7:00am–8:30am

**APT Sustainable Preservation Committee Meeting**  
Quebec, Level 4

7:00am–7:45am

**SE6: Chapters Breakfast** (ticketed event)  
Provinces I & II, Level 4



Start your day with a great breakfast and other APTers in your area. Other chapters will be just a table away, so this is a great event to expand your APT network!

## Saturday, October 14 (con't)

- 7:30am–4:00pm **Cintec Sponsor Lounge**  
Ballroom Foyer, Level 4
- 7:45am–8:30am APT Chapters Committee  
Provinces I & II
- 7:45am–8:30am **Joint Continental Breakfast @  
Demonstration Pavilion**  
Foyers, Level 4
- 7:45am–3:30pm **Demonstration Pavilion**  
Foyers, Level 4



Different from our Exhibit Hall, network with companies that have a product or service to demonstrate and maybe offer you a new solution to your project! See companies on page 39.

8:00am–5:00pm

### SE8: TCPE-Student Masonry Arch Competition

Confederation Ballroom Foyer, Level 4

The builds officially begin this morning! Stop by during the day to see the testing of the arch structures, the final student presentations and the winners!

8:45am–10:15am

APT/National Trust Joint Keynote Plenary

### KS3: Historic Buildings and the Race to Net-Zero Carbon

Confederation I & II, Level 4

Moderator: Mark Thompson Brandt, Co-Chair, APT Technical Committee for Sustainable Preservation



Carl Elefante, FAIA  
2018 AIA President-Elect; Principal,  
Director of Sustainability, Quinn  
Evans Architects

Edward Mazria  
Founder & CEO  
Architecture 2030

The COP 21 Paris Agreement binds virtually all nations to a common cause to combat climate change, with targets to achieve zero net carbon in the building sector by 2050.

For Carl Elefante, these global carbon reduction targets will have a massive impact upon all aspects of the building and conservation sectors. He sees this new imperative as giving greater relevance to the preservation of architecture at a level that can no longer be ignored.

Founder of Architecture 2030, Edward Mazria brings the perspective of contemporary design and construction industries which are geared primarily to new construction. Historic preservation professionals have the knowledge and skills to lead the sustainable rehabilitation of all existing buildings.

Will historic buildings be exemplars or get left behind? Join us for a compelling conversation between these two thought leaders as they grapple with the elephant in the room.

10:15am–10:45am **Break Sponsored by Bullwealth**  
Foyers, Level 4

10:45am–12:15pm **Concurrent Paper Sessions (see page 32)**  
Levels 3 & 4

## Saturday, October 14 (con't)

- 12:15pm–1:25pm **Lunch Buffet**  
Ballroom Foyer, Level 4
- 12:15pm–1:25pm **APT Board of Directors Meeting**  
Quebec, Level 4
- 1:30pm–3:00pm **Concurrent Paper Sessions (see page 34)**  
Levels 3 & 4
- 1:30pm–3:00pm **APT Latin American Chapter Special  
Session: Heritage Preservation in  
Latin America and the Importance of  
Public Policies**  
Ontario, Level 3
- 3:00pm–3:25pm **Break**  
Foyers, Level 4

3:30pm–5:00pm

Confederation I, Level 4

### National Trust Plenary: Architecture as a Step Towards Reconciliation



Janna Levitt (LGA Architectural Partners), Eladia Smoke (Smoke Architecture) Calvin Brook (BrookMcIlroy) and Alfred Waugh (Formline Architecture)

Architecture is an instrument that can contribute to social change. And yet, in the Truth and Reconciliation Commission's recent Calls to Action there are actions directed at museums, educators, and the media, there is no mention of architecture. Do Canada's architectural and heritage conservation communities have a role to play? There is a current interest in providing architecture that is more sensitive to indigenous peoples, both within existing spaces, and with new spaces installed throughout institutional and urban landscapes. Many would term this as "indigenizing spaces" - a term which can be seen as problematic. Can Canada's existing buildings be adapted to be accommodating of, or culturally appropriate for, Indigenous peoples? Can new spaces do the same? This session will explore the complexities in adapting cultural ideals to existing places and new spaces. Session Chair: Daniel Millette, Adjunct Research Professor, Carleton University

3:30pm–5:00pm

Confederation II, Level 4

### College of Fellows Plenary Information Management in Preservation

As the field of preservation has grown, we are faced with the issue of keeping track of our hard-earned knowledge. We need to keep track not only of what we know, but how do we know it? How do we use that knowledge: how do we disseminate what we know? How do we learn and how do we not forget? The Plenary will look to both fellows and the audience for examples of current practice, ideas for future practice, possibilities for use and communication between peers, and discussion of strengths and weakness of various proposals.



Saturday, October 14 (con't)

5:00pm–6:00pm **National Trust - Annual General Meeting**  
6:00pm - 8:00pm National Trust Board Meeting & Dinner  
6:00pm–10:00pm

Confederation 1, Level 4  
Sir John A Macdonald Building

**SE7: Special Joint Closing Celebration\*** (ticketed event)  
Sir John A Macdonald Building, off-site see map page 44.



More than a party, this will be a cultural experience to remember! We've created an evening that will showcase food, libations and entertainment from the Capital's three founding cultures, at this recently restored House of Commons' Hall of State, which is opening its doors for this special event. The splendid architecture and gilded ceilings will provide an elegant backdrop to our celebration, but the atmosphere will be relaxed, casual and fun! The evening will be a journey through the local sights, sounds and tastes of the Ottawa River Basin, through centuries of cultural endeavor in this unique landscape. Local craft beer and wine will be available for \$6 each at the venue. Pop-up entertainment, treats and surprises, DJ & dancing and so much more. **Valid passport or CAN driver's license REQUIRED for entry into event.**



## FEATURED SPEAKERS

### KS1: Opening Session Keynote



**John Ralston Saul**  
*Award-winning essayist and novelist, President Emeritus of PEN International, co-Chair of the Institute for Canadian Citizenship*  
John Ralston Saul is an award winning essayist and novelist. His fourteen works have been translated into twenty-eight languages in thirty-seven countries. His most recent work, *The Comeback (Le Grand Retour)* is an

examination of the remarkable resurgence to power of Indigenous peoples in Canada which has greatly influenced the national conversation on these issues. @johnralstonsaul



**Chief Kirby Whiteduck**  
Kirby is now in his ninth consecutive year as Chief and he currently holds the portfolios for Communications, Finance, Administration and Personnel, Child and Family Services, Negotiations and is the supervisor of the Executive Director of Operations. He is the author of 'Algonquin Traditional Culture', published in 2002, which details the

traditional culture of the Algonquins of the Kitchissippi Valley at the early period of European contact.



**Chief Jean-Guy Whiteduck**  
Chief Jean-Guy Whiteduck. Jean-Guy has been Chief of the Kitigan Zibi Anishinabeg since 2015, having previously held the post from 1976 – 2006. During his many terms in office, Chief Jean-Guy, together with the Band Council, has had to deal with difficult issues such as the Canadian Constitution, Native Rights and Land Claims discussions for some parts of the town of Maniwaki and surrounding areas.

### KS2: College of Fellows Keynote and Installation



**Charlie Fairbank**  
Charlie Fairbank is a fourth-generation oil producer in Oil Springs, Ontario. Using 19th century technology devised by his great-grandfather, who started Fairbank Oil in 1861, Charlie produces roughly 24,000 barrels of crude each year. This family company has been operating for 156 years and it has been a National Historic Site for 92 years. Lambton

County and Fairbank Oil are now seeking a UNESCO World Heritage designation for its preserved technology. In 2013, Charlie received the National Trust for Canada's Gabrielle Leger Medal for Lifetime Achievement in preserving and promotion this unique piece of Canada's industrial heritage.

### KS3: APT / National Trust Joint Plenary



**Edward Mazria**  
*Founder and CEO, Architecture 2030*  
Edward Mazria is an internationally recognized architect, author, researcher, and educator. Over the past decade, his seminal research into the sustainability, resilience, energy consumption, and greenhouse gas emissions of the built environment has redefined the role of architecture, planning, design, and building, in reshaping our world. Mazria issued the 2030 Challenge and introduced the 2030 Palette, a revolutionary new platform that puts the principles behind low-carbon/zero carbon and resilient built environments at the fingertips of architects, planners, and designers worldwide.



# FEATURED SPEAKERS

## KS3: APT / National Trust Joint Plenary



**Carl Elefante**

As a nationally recognized subject expert, sustainability is the lens through which Carl views all dimensions of architecture. Applying his extensive experience, he brings to projects leadership and pioneering ideas that bind together historical and environmental preservation. He's excited to see the ethic of stewardship extend from historic preservation

to sustainability on diverse building types - from iconic buildings to vernacular and modern-era structures.

Carl's long tenure at APT includes his help in founding and leading the Technical Committee on Sustainable Preservation, from where he issued his now-famous and oft-quoted: "The greenest building is one that's already built." Carl understands that global carbon reduction targets will have a massive impact upon all aspects of the building and conservation sectors:

## National Trust Plenary: Architecture as a Step Towards Reconciliation



**Janna Levitt, Partner**

Partner Janna Levitt co-founded LGA in 1989. Janna leads a number of the firm's arts, institutional and educational projects, and leads the firm's communications team. For years, Janna has been immersed in the research of bio-diverse landscapes to support pollinators and urban agriculture. She is a founding member of Cape Farewell - North America,

an international art foundation dedicated to raising awareness of climate change as a cultural issue. Janna sits on the board of a number of cultural institutions, including the Steering Committee for the Architecture Pavilion at the Venice Biennale, the board of Factory Theatre and the Canadian Architectural Certification Board.



**Eladia Smoke**

Eladia Smoke is Anishinabe, the first female First Nations architect in Manitoba and Ontario, and the second licensed in Canada. She started with Architecture 49 in 2015, founded Smoke Architecture Inc. in 2014. Eladia volunteered on MAA council 2011-2014, the board of Urban Shaman Gallery 2010-2014, and led the first showcase of Aboriginal architecture in October 2014.



**Calvin Brook**

Calvin Brook is an architect, planner and urban designer and co-founder of Brook McIlroy Inc., a multi-disciplinary practice with offices in Toronto, Thunder Bay and Winnipeg. Together with Ryan Gorrie he leads the Indigenous Place Making practice of the firm working with Indigenous communities in the development of projects that span the sectors of education,

health, recreation, and the arts. Cal's work has been recognized with over forty-five professional awards, including from: Royal Architectural Institute of Canada, Chicago Athenaeum, and the European Centre for Architecture.



**Alfred Waugh**

Alfred Waugh specializes in culturally and environmentally sensitive projects and has extensive experience with First Nations, cultural societies, and educational institutions. Alfred is Status Indian and part of Treaty 8. He was the first Aboriginal person to graduate with honours from the University of British Columbia School of Architecture in 1993 and

become LEED certified and a registered architect. Before his architecture degree, Alfred earned a Bachelor of Arts majoring in Urban and Regional Analysis at the University of Lethbridge in 1989. He is influenced by native culture, the northern climate and frontier architecture. His connection to, and respect for, nature is inherent in his work. In 2005, Alfred established Alfred Waugh Architect, a 100-percent aboriginally owned architecture practice.

# MODERATORS



KS3: APT / National Trust Plenary

Race to Net-Zero Carbon

**Mark Thompson Brandt**

OAA, RAIC, CAHP, LEED AP

Senior Conservation Architect & Urbanist  
MTBA Associates Inc.



National Trust Plenary:  
Architecture and Reconciliation

**Daniel Millette**

Adjunct Research Professor  
Carleton University



# PAPER SESSIONS

## TRACKS:

Savoir-Faire: Techniques & Technology

**Track 1: Documentation and Diagnostics – Understanding Historic Places.** To succeed in rehabilitation and preservation, we must first fully understand the existing condition. This track covers the evolving and latest research, documentation, measurement, non-destructive evaluation, testing, modeling and diagnostic tools for the historic preservation of buildings, engineering structures, and cultural landscapes.

**Track 2: Design – Planning the Conservation of Historic Places.** The ongoing evolution of current building and energy codes and other regulatory requirements means that there is potential for “bad things happening to good buildings.” This track discusses preserving heritage fabric through advanced materials conservation, and sensitive integration of new systems to meet contemporary programmatic requirements and improve performance.

**Track 3: Delivery – Intervening in Historic Places.** All the understanding and planning of a preservation project for a historic place can be thwarted if there is a failure of execution. Collaboration between the consulting and construction teams is critical to ensure that actions are carried out correctly both on site and in managing/administering the project. This track explores best practices for achievement, through case studies and vetting the latest guidelines.

## Intersection

**Track 4: Policy and Practice.** Conservation practice, government actions, regulations and standards, and community concerns are intertwined. Together they create a “climate” for conservation that shapes what is possible, which projects get done and how they turn out. This track will explore the role governments, heritage advocates, practitioners, and professionals at all levels can and must play in creating a culture of conservation.

## Community

**Track 5: Canada 150 – Indigenous Heritage, Diversity, and New Directions.** Canadian Confederation’s 150th anniversary and other milestones – the US National Historic Preservation Act (1966), Historic Sites and Monuments Board of Canada (1919) – present an occasion to reflect on the future relevance of conservation in Canada, the US, and beyond. While the heritage preservation movement has worked to empower people to share the meanings of the places that matter to them and to work for their protection, not all perspectives/traditions have been given equal consideration. How do we better integrate diverse meanings and approaches to cultural, heritage and property ownership to build a movement relevant to our future? How do we demonstrate more clearly the connection between heritage conservation and broader societal goals?

**Track 6: Integrating Old and New – Buildings, Districts, and Landscapes.** Infill, additions, façade retention, new construction in historic landscapes – heritage advocates and practitioners continue to wrestle with what makes a “successful” preservation project. Conservation standards in both the US and Canada are based on the principle that new additions be compatible with, subordinate to, and distinguishable from historic places. In practice, evaluating proposed interventions against these standards creates tensions. Where does value lie, and what constitutes quality, context-sensitive design?

**Track 7: Regeneration – Community, Economics, and Equitable Places.** Historic places are at their best when they do more than reflect a static past. They truly shine when they tell a story that resonates today. The gold standard: a private development that meets the bottom line while engaging its community, a downtown revitalization that strikes the perfect balance between commercial success and vital public space, or a historic site that rediscovers its relevance by integrating traditional narratives with those of the neglected/oppressed or finds creative new revenue streams that are “on mission.” But how to navigate the choppy waters of this regeneration process?

## SPARK SESSIONS:

Inspired by Pecha Kucha and Ignite events, Spark sessions have been a fixture at National Trust conferences for the past 6 years. These sessions give presenters the opportunity to showcase their best, most innovative and exciting projects and insights in a fast-paced and dynamic atmosphere. Presentations are grouped thematically in clusters of three presentations followed by a short question and answer periods.

<p><b>Track 1</b> Documentation and Diagnostics - Understanding Historic Places</p> <p><b>CS1.1</b> Documentation - Methodology In Different Contexts</p>	<p><b>Track 2</b> Design – Planning the Conservation of Historic Places</p> <p><b>CS2.1</b> Seismic Design</p>	<p><b>Track 3</b> Delivery – Intervening in Historic Places</p> <p><b>CS3.1</b> Heritage Windows</p>	<p><b>Track 4</b> Policy and Practice</p> <p><b>CS4.1</b> Large Public Projects (Part 1) – Large Government Projects: More than Size Matters</p>
<p><b>Governor General I, Level 4</b> <b>8:30am–10:00am</b></p>	<p><b>Governor General II, Level 4</b> <b>8:30am–10:00am</b></p>	<p><b>Governor General III - Level 4</b> <b>8:30am–10:00am</b></p>	<p><b>Confederation III, Level 4</b> <b>8:30am–10:00am</b></p>
<p>Session Chair Dan Worth</p>	<p>Session Chair Tom Morrison</p>	<p>Session Chair James Maddigan</p>	<p>Session Chair Andrew Waldron</p>
<p>Non-destructive testing applied to the auscultation of ancient buildings and cultural heritage</p> <p>Presenter Olivier Anterrieu Jr.</p>	<p>Climate Change, Coastal Engineering and the Conservation of Small-Scale Historic Harbours on the Cornish Coast.</p> <p>Presenter Hilary Wyatt</p>	<p>Bronze, Steel, and Wood: An Air Infiltration Tale of Three Windows</p> <p>Presenter Maya Foty</p>	<p>Rethinking Preservation at Fort Union National Monument</p> <p>Presenter Silvia Callegari</p>
<p>The restoration of modern archi- tecture: advanced methods and technologies to guarantee correct and effective interventions.</p> <p>Presenter Rossana Gabrielli</p>	<p>Making the case for base isola- tion of heritage structures in low and moderate seismic zones</p> <p>Presenter Daniel Carson</p>	<p>Defying Gravity - Conserving Historic Stained Glass Lay Lights and Domes; Maximizing Struc- tural Integrity While Maintaining Original Design Aesthetic</p> <p>Presenter Arthur Femenella, Sr.</p>	<p>The Search for Compatibility – A Case Study: The West Block Rehabilitation Project</p> <p>Presenter Georges Drolet</p>
<p>Archaeology of Architecture. A Methodological approach for the knowledge of Historic Buildings</p> <p>Presenter David Cohen</p>	<p>Ottawa’s Heritage Masonry Buildings - Developing Seismic Retrofit Options</p> <p>Presenter Jonathan Dee</p>	<p>The Challenge of Conserving Double-Hung Sash Windows in Historic Skyscrapers: the Ex- ample of the Price Building in Quebec City</p> <p>Presenter Francois-Xavier Caron</p>	<p>A Moral Imperative – Developing St. Elizabeths West Campus for Reuse</p> <p>Presenter Jean Carroon</p>
<p>Documenting, Unearthing and Unraveling the Cultural Land- scape and Built Heritage of T2</p> <p>Presenter: Gregory MacNeil</p>	<p>Seismic behavior and assessment of masonry heritage structures</p> <p>Presenter Paulo Lourenco</p>	<p>Upgrading the Performance of Heritage Windows to Suit Mod- ern Design Conditions 100 Wellington Street, Ottawa</p> <p>Presenter Scott Tomlinson.</p>	

# SESSIONS

8:30am–10:00am

<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.1</b> Kichi-Zibi Indigenous Heritage Roundtable (Part 1) Taking Charge of Anishinabeg Cultural Heritage</p>	<p><b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes</p> <p><b>CS6.1</b> Measuring Success in Additions and Adaptive Reuse CAHP Session</p>	<p><b>Track 7</b> Regeneration – Community, Economics, and Equitable Places</p> <p><b>CS7.1</b> Small Communities Thinking Big</p>
<p><b>Confederation I, Level 4</b> 8:30am–10:00am</p>	<p><b>Confederation II, Level 4</b> 8:30am–10:00am</p>	<p><b>Ontario, Level 3</b> 8:30am–10:00am</p>
<p>Session Chair Lorna Crowshoe</p>	<p>Session Chair  Stephen Robinson</p>	<p>Session Chair Jim Mountain</p>
<p>Kichi-Zibi Indigenous Heritage Roundtable (Part 1) Taking Charge of Anishinabeg Cultural Heritage</p> <p>Presenters Chief Kirby Whiteduck (Algonquins of Pikwàkanagàn First Nation) Chief Jean-Guy Whiteduck (Kitigan Zibi Anishinabeg) Anita Tenasco Ian Badgley</p>	<p>CHAnCE: Calculating History, Adaptability, and Condition Easily - A decision-making tool for preservation planning</p> <p>Presenter JinWon Lee</p> <hr/> <p>Making Heritage: Maison Alcan, Montreal</p> <p>Presenter Julia Gersovitz</p>	<p>Utilizing Behavioral Science to Understand Architectural Loss and Advocate Preservation: The Forgotten Opera Houses of Fairmont, West Virginia</p> <p>Presenter Amelia DeCoster</p> <hr/> <p>Festival of Small Halls: Revitalizations through Music</p> <p>Presenter Anne-Marie Forcier</p>
	<p>The St-Sauveur steeple and Garth House façade reconstruction: Monument-making within the CHUM mega-project</p> <p>Presenter Daniel Durand</p> <hr/> <p>Residential Infill - Heritage Structures</p> <p>Presenter Timothy Ankenman</p> <hr/> <p>Observations of an Advocate Architect Discussant – Catherine Nasmith</p>	<p>Gathering Data on Main Street</p> <p>Presenter Kay Matthews</p> <hr/> <p>Local Motives: Tamworth Ontario's Inventive Turnaround</p> <p>Presenters Carolyn Butts Hans Honegger</p>

<p><b>Track 1</b> Documentation and Diagnostics - Understanding Historic Places</p> <p><b>CS1.2</b> Bringing Building Materials into Focus</p>	<p><b>Track 2</b> Design – Planning the Conservation of Historic Places</p> <p><b>CS2.2</b> Unique Structures, Unique Challenges</p>	<p><b>Track 3</b> Delivery – Intervening in Historic Places</p> <p><b>CS3.2</b> Preserving Public Art</p>
<p><b>Governor General I, Level 4</b> 10:30am–12:15pm</p>	<p><b>Governor General II, Level 4</b> 10:30am–12:15pm</p>	<p><b>Governor General III, Level 4</b> 10:30am–12:15pm</p>
<p>Session Chair Stephen Kelley</p>	<p>Session Chair John Cooke</p>	<p>Session Chair Pat Buchik</p>
<p>Concrete and Material Durability Assessments: The use of ISO 9223 as an indicator of material durability and long term performance of historic structures Presenter Gina Crevello</p>	<p>Completing a 19th century vision in the 21st century - Design, fabricating and installing Monumental Portal Gates on Philadelphia City Hall, PA, USA Presenters Nan Gutterman Scott Howell</p>	<p>An Examination and Condition Assessment of Robert Chanler's Pool Grotto Ceiling Mural at Vizcaya, Miami  Presenter Lucy Midelfort</p>
<p>East Block Rehabilitation Project: Get to know the building  Presenter Pascal Létourneau</p>	<p>New Light on Baltimore's Cathedral of Books – Part 2: Reversible Strengthening and Designing for Construction  Presenter John Matteo</p>	<p>Keeping the Berlin Wall from Falling: Conservation Challenges at the United Nation's Berlin Wall  Presenter Beata Sasinska</p>
<p>Testing and Evaluation of Soil Based Grouts for the Adhesion of Consolidated and Un-Consolidated Painted Lime Plaster at the Mission San José de Tumacácori  Presenter Nicole Declat</p>	<p>Tuning a historic stone box  Presenter Chris Warden</p>	<p>Planning to Conserve and Retain Commemorative Monuments on Parliament Hill, Ottawa, for the Duration of a Decade-long Rehabilitation Project  Presenter John Ward</p>
<p>Understanding existing conditions using NDE and targeted probes for a planned rehabilitation of Union Station façade, Toronto  Presenter Alexander Bell</p>	<p>Wrigley Field: Engineering for the Next 100 Years  Presenter Elaine Shapiro.</p>	<p>Protecting and Preserving <i>América Tropical</i>, a mural by David Alfaro Siqueiros in downtown Los Angeles  Presenters Susan Macdonald Leslie Rainer</p>
<p>Comparing the Deterioration of Mortar Types Used on Parliament Hill, Ottawa - An Approach Based on Statistical Analysis  Presenter: Alex Brooks</p>		<p>The 180 Wellington Building Mosaic Conservation  Presenter: Kelly Caldwell</p>

# SESSIONS

10:30am–12:15pm

<p><b>Track 4</b> Policy and Practice</p> <p><b>CS4.2</b> Large Public Projects (Part 2) Deep Dive - Adapting Early 20th Century Train Stations</p>	<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.6</b> Kichi-Zibi Indigenous Heritage Roundtable (Part 2) Exploring Case Studies</p>	<p><b>Track 6</b> Integrating Old and New - Build- ings, Districts and Landscapes</p> <p><b>CS6.2</b> Cultural Landscapes</p>	<p><b>Track 7</b> Regeneration – Community, Eco- nomics, and Equitable Places</p> <p><b>CS7.2</b> Mighty Sites: Viable Historic Places</p>
<p><b>Confederation III, Level 4</b> 10:30am–12:15pm</p>	<p><b>Confederation I, Level 4</b> 10:30am–12:15pm</p>	<p><b>Confederation II, Level 4</b> 10:30am–12:15pm</p>	<p><b>Ontario, Level 3</b> 10:30am–12:15pm</p>
<p>Session Chair John Waite</p>	<p>Session Chair Lorna Crowshoe</p>	<p>Session Chair Tamara Anson-Cartwright</p>	<p>Session Chair Robert Pajot</p>
<p>Cincinnati Union Terminal, Its Restoration and Rebirthrenewal</p> <p>Presenters Nancy Rankin Clay Palazzo</p>	<p>Kichi-Zibi Indigenous Heritage Roundtable (Part 2) Exploring Case Studies</p> <p>Hosts Chief Kirby Whiteduck (Algonquins of Pikwākanagān First Nation)</p>	<p>R(e)valuating heritage significance: updated tools and procedures for managing cultural landscape change Presenter Tania Martin</p>	<p>Sustainable Preservation of America's Historic Post Offices</p> <p>Presenter Mark Perdiguerra</p>
<p>The Rehabilitation of the Government Conference Centre, Ottawa</p> <p>Presenters Martin Davidson Jan Kubanek</p>	<p>Chief Jean-Guy Whiteduck (Kitigan Zibi Anishinabeg) Presenters: <b>Grand Chief Konrad Sioui Haskan Carolyn King Lorna Crowshoe Ian Badgley</b></p>	<p>Rideau Hall – Conservation and Change in a Working National Historic Site</p> <p>Presenter Heather Thomson</p>	<p>Breathing New Life in to the Historic Opinicon Lodge</p> <p>Presenter Fiona McKean</p>
	<p><b>CS5.8</b> Kichi-Zibi Indigenous Heritage Roundtable (Part 3) Tour &amp; Discussion</p> <p><b>Off-site</b> 1:00pm - 4:00pm</p> <p>This tour and discussion will take place at Kabeshinān Minitig Pavilion (Victoria Island). Bus transport provided. Space limited. Sign-up sheet for Tour &amp; Discussion available at Kichi-Zibi Roundtable Part 1 &amp; 2.</p>	<p>Shannon Estate - an evolved Cultural Landscape</p> <p>Presenter Robert Lemon</p> <p>The challenges of managing a Cul- tural Landscape: a case study of the Pampulha Modern Ensemble World Heritage in Belo Horizonte, Brazil Presenter Luciana Feres</p> <p>Improving Sustainability in Cultural Landscapes with Ecosystem Services</p> <p>Presenter Kathleen Conti</p>	<p>Reinventing the Home of L.M. Montgomery as a Literary Center and Museum</p> <p>Presenters Matthew Rowe Kathy Gastle</p> <p>Sustaining a Cold War Museum in an Underground Bunker</p> <p>Presenter Lizz Thrasher</p> <p>Reinventing National Historic Sites in Victoria, Australia</p> <p>Presenter Martin Green</p>

<p><b>Track 1</b> Documentation and Diagnostics - Understanding Historic Places</p> <p><b>CS1.3</b> Structural Performance of Buildings</p>	<p><b>Track 2</b> Design – Planning the Conservation of Historic Places</p> <p><b>CS2.3</b> Planning for Envelope Performance</p>	<p><b>Track 3</b> Delivery – Intervening in Historic Places</p> <p><b>CS3.3</b> Documentation During Delivery</p>
<p><b>Governor General I, Level 4</b> <b>3:00pm–4:30pm</b></p>	<p><b>Governor General II, Level 4</b> <b>3:00pm–4:30pm</b></p>	<p><b>Governor General III, Level 4</b> <b>3:00pm–4:30pm</b></p>
<p>Session Chair Tim Crowe</p>	<p>Session Chair Julia Manglitz</p>	<p>Session Chair Robert Young</p>
<p>West Block Pendulums: Mackenzie Tower and the use of early engineering technology</p> <p>Presenter Caroline Guay</p>	<p>Evaluating inherent energy efficient features in historic buildings</p> <p>Presenter Amanda Webb</p>	<p>Connecting New-Age Design with Old-Age Buildings</p> <p>Presenter Lizzie Olson</p>
<p>Seismic Vibration Monitoring of Centre Block on Parliament Hill</p> <p>Presenter Daniel Cusson</p>	<p>Historic Buildings as Energy Hogs- Debunking the Myth</p> <p>Presenter Matthew Chalifoux</p>	<p>'GoMo': A Contemporary Response to Collegiate Gothic</p> <p>Presenter Donald Luxton</p>
<p>A parametric model for ribbed masonry vaults and the development of structural simulations</p> <p>Presenter Grigor Angjeliu</p>	<p>Hygrothermal and Energy Effects of Insulation and Climate Management on Historic Multi-Wythe Masonry Wall Buildings</p> <p>Presenter David Artigas.</p>	<p>Longwood Gardens' Main Fountain Garden: Technology Bringing Life to History</p> <p>Presenters Kathryn Biddle Lauren Shaughnessy</p>
<p>Experimental programme for the evaluation of mechanical parameters for seismic assessment of traditional masonry buildings in Eastern Canada</p> <p>Presenter Marie-José Nollet</p>	<p>Evaluating inherent energy efficient features in historic buildings</p> <p>Presenter Christopher Whitman</p>	<p>The Restoration of St Patrick's Cathedral: Designating and Tracking Thousands of Changing Repairs from Design Through Construction</p> <p>Presenter Ricardo J. Viera</p>



# SESSIONS

3:00pm–4:30pm

<p><b>Track 4</b> Policy and Practice</p> <p><b>CS4.3</b> Aligning Requirements &amp; Good Conservation Practice</p>	<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.3</b> Reconciling Heritage Value: Diversity, Dissonance and Authenticity</p>	<p><b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes</p> <p><b>CS6.3</b> Planning Tools and Action</p>	<p><b>Track 7</b> Regeneration – Community, Economics, and Equitable Places</p> <p><b>CS7.3</b> Spark Session - Regeneration of Historic Places</p>
<p><b>Confederation III, Level 4</b> <b>3:00pm–4:30pm</b></p>	<p><b>Confederation II, Level 4</b> <b>3:00pm–4:30pm</b></p>	<p><b>Confederation I, Level 4</b> <b>3:00pm–4:30pm</b></p>	<p><b>Ontario, Level 3</b> <b>3:00pm–4:30pm</b></p>
<p>Session Chair Sean Fraser</p>	<p>Session Chair Beth Hanna</p>	<p>Session Chair Victoria Angel</p>	<p>Session Chair Hannah Bell</p>
<p>Restoration Amidst Regulation</p> <p>Presenter Robin Whitehurst</p>	<p>We protect what we value: Re-imagining our evaluation and protection models</p> <p>Presenter Beth Hanna</p>	<p>Evaluating and Re-Articulating Industrial Abandonment in the Historic Urban Landscape of Santiago de Cuba</p> <p>Presenter Crystal Hanley</p>	<p>Low Cost   Big Love: Engaging the Arts in Animating Abandoned Buildings + Building Support for their Re-Use Presenter: <b>Megan Torza</b></p> <p>Heritage-Led Development at the Providence Public Library – A Double-Edged Sword Presenter: <b>Mary Ann Upton</b></p> <p>Finding the Profit in Heritage: Exploring the Development Potential of Historic Properties Presenter: <b>Jerry Dick</b></p>
<p>Policies, Regulations and Projects for Promoting Large Landscape Conservation</p> <p>Presenter Rebecca Sciarra</p>	<p>All Land Is Sacred</p> <p>Presenter Anne Taylor</p>	<p>Quebec City Heritage Vision 2017 - Incentives</p> <p>Presenter Denis Jean</p>	<p>Material culture: Square-log cabins in the Village of Mont-Tremblant, Quebec Presenter: <b>Mariana Esponda</b></p> <p>Regeneration of Historic Church Properties Presenter: <b>Barbara Myers</b></p>
<p>The Integration of Heritage Conservation and Flood Mitigation Protection</p> <p>Presenter Nina Jean-Louis</p>	<p>Group of Seven Heritage Landscapes: Identification, Conservation, Interpretation</p> <p>Presenters Gary and Joanie McGuffin</p>	<p>The Heritage Energy Retrofit Grant program: Connecting heritage and sustainability goals for homes in Vancouver</p> <p>Presenter Judith Mosley</p>	<p>Rehabilitation in the Coal Branch – The roles of a County in preservation and conservation Presenter: <b>Jenny Seibel</b></p> <p>Toronto's Fort York - Conservation in a rapidly changing urban context Presenter: <b>Peter Smith</b></p>
<p>Regulating Character – A review of the effectiveness of the Ottawa Mature Neighborhoods Bylaw on protecting streetscape character</p> <p>Presenter David Wise</p>	<p>Social history, erasure and built form: on recognizing the heritage of marginalized neighbourhoods/communities</p> <p>Presenter John Lorinc</p> <p>Session Sponsor:              ONTARIO HERITAGE TRUST            FIDUCIE DU PATRIMOINE ONTARIEN</p>	<p>Integrating Heritage into City Council: Ottawa's Built Heritage Sub-Committee</p> <p>Presenters Tobi Nussbaum Barry Padolsky</p> <p>Designing Heritage: How Urban Design Impacts Heritage Conservation Presenter Seamus McGreal</p>	<p>Two Farmsteads and a Trail: Interpretation and Intervention Presenter: <b>Susan Turner</b></p> <p>Brockville Tunnel Restoration Presenter: <b>David LeSueur</b></p>

<p><b>Track 1</b> Documentation and Diagnostics - Understanding Historic Places</p> <p><b>CS1.4</b> Envelope Diagnostics</p>	<p><b>Track 2</b> Design – Planning the Conservation of Historic Places</p> <p><b>CS2.4</b> Modern Heritage</p>	<p><b>Track 3</b> Delivery – Intervening in Historic Places</p> <p><b>CS3.4</b> Optimizing Delivery of Repair Mortars</p>
<p><b>Governor General I, Level 4</b> 10:45am–12:15pm</p>	<p><b>Governor General II, Level 4</b> 10:45am–12:15pm</p>	<p><b>Governor General III, Level 4</b> 10:45am–12:15pm</p>
<p>Session Chair Nancy Labreque</p>	<p>Session Chairs Kyle Normandin and Ken Itle</p>	<p>Session Chair David Edgar</p>
<p>Évaluation de la Performance: Considérations Techniques Liées aux Aspects Socio-Historiques de L’enveloppe des Édifices Presenter Richard Trempe</p>	<p>Damage and Deterioration in the Arthur Neiva Pavilion: studies for a conservation management plan  Presenters Barbara Cortizo de Aguiar Daniel Lopes Moreira</p>	<p>Balancing Principles with Practice in the Conservation of 375 year old Masonry Ruins  Presenter Keith Blades</p>
<p>Energy Analysis for Preservation Projects: The Right Technologies at the Right Times  Presenter Matt Chalifoux</p>	<p>Documentation of Modern Heritage: the case of Vilanova Artigas Building Conservation Management Plan  Presenter Renata Campiotto</p>	<p>Designing and evaluating repointing mortar mixes for highly exposed and damp historic buildings (church towers) in South-West England  Presenter Lucie Fusade</p>
<p>‘Wet walls’: developing non-destructive multi-sensor moisture monitoring methodologies for stone masonry  Presenter Scott Orr</p>	<p>The Thomas Fisher Rare Book Library Re-cladding Project - Improving performance while preserving heritage inside and out  Presenter Sharon Vattay</p>	<p>Hot-mixed mortars in Scotland  Presenter Roger Curtis</p>
<p>Understanding the delicate balance between occupancy loads and building envelope performance in large complex buildings with cavity wall construction: Roger-Gaudry Pavillon, université de Montréal  Presenter John Diodati</p>	<p>The Conservation Management Plan as a Catalyst for Positive Change – Wellesley’s Jewett Arts Center  Presenter David Fixler</p>	<p>Improvements to Freeze-Thaw Resistance of Historic Mortars  Presenters Michael Edison Chad Lausberg</p>

# SESSIONS

10:45am–12:15pm

<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.4</b> Heritage and Social Purpose CAHP Session</p>	<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.7</b> Intersections: Natural Building, Traditional Materials, and Heritage Conservation</p>	<p><b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes</p> <p><b>CS6.4</b> Spark Session- Evolving and Adapting Places</p>	<p><b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes</p> <p><b>CS6.5</b> Heritage, Sustainability, and Climate Change: The Carbon Challenge and the Evolving Discussion</p>
<p><b>Confederation II, Level 4</b> 10:45am–12:15pm</p>	<p><b>Confederation I, Level 4</b> 10:45am–12:15pm</p>	<p><b>Confederation III, Level 4</b> 10:45am–12:15pm</p>	<p><b>Ontario, Level 3</b> 10:45am–12:15pm</p>
<p>Session Chair Dima Cook </p>	<p>Session Chair Andrew Pamerter</p>	<p>Session Chair Anne Fitzpatrick</p>	<p>Session Chair Nancy Rankin</p>
<p>Vancouver Chinatown Under Threat: Observations on Heritage from a New Generation</p> <p>Presenter Robin Whitehurst</p>	<p>Exploring the Links Between Natural Building, Traditional Materials and Heritage Conservation</p> <p>Presenter Tim Krahn</p>	<p>The Principles of Future-Proofing Presenter: <b>Brian Rich</b></p> <p>Deconstructing Heritage: Constraint-based Adaptations at New Mexico's First Public School Presenter: <b>Keri Stevenson</b></p>	<p>Climate Change Mitigation and Adaptation at Parks Canada Historic Sites</p> <p>Presenter David Scarlett</p>
<p>Creating a Culture of Craftsmanship: Studying the Family Boatbuilding Movement</p> <p>Presenter Aleen Stanton</p>	<p>The Journey of Allbäck Paint: Rediscovering Traditional Practices to Ensure Sustainable Development</p> <p>Presenters Hans and Sonja Allbäck</p>	<p>Strategic Conservation Management of Redundant Government-owned Heritage Assets Presenter: <b>Eleanor Banaag</b></p> <p>Adapting Buildings – A Regeneration Works Approach... Presenter: <b>Stephen Collette</b></p> <p>Dubai...in the Race for Excellence Presenter: <b>Sabeen bin Zayyad</b></p>	<p>Calculating Avoided Embodied Carbon in Existing Buildings</p> <p>Presenter Jennifer O'Connor</p>
<p>Creative Approaches to Conserving Social and Community Value</p> <p>Presenters Alex Corey Marybeth McTeague</p>		<p>Building Alliances to Protect the Central Experimental Farm National Historic Site: We are All in This Together Presenter: <b>Leslie Maitland</b></p> <p>Kensington Market in Toronto: Conserving an Ever-Changing Cultural Landscape Presenter: <b>Tamara Anson-Cartwright</b></p> <p>What Are we Going to Do About Barns? The Barn as Family Farm Symbol and Conservation Challenge in Southern Saskatchewan Presenter: <b>Kristin Catherwood</b></p>	<p>Heritage Conservation: Ontario's Step Forward in Addressing Climate Change</p> <p>Presenters William Gerrard Patrick Fancott</p>
<p>Indigenizing Montreal: Re-Occupying Montreal</p> <p>Presenters Alain Fournier Philippe Tsaronsere Meilleur</p>		<p>Building Owner Engagement in a New Residential Heritage District: Lessons Learned from Clemow Estates HCD Phase II in Ottawa Presenter: <b>Johanna Persohn</b></p>	<p>Re-Aligning Heritage Policy Toward Mitigation: Barriers to Change</p> <p>Presenter Erica Avrami</p>
<p>Whose Memories are More Important? Interpreting a Provincial Mental Health Institution called 'Woodlands'.</p> <p>Presenter Julie C. Schueck</p>			

<p><b>Track 1</b> Documentation and Diagnostics - Understanding Historic Places</p> <p><b>CS1.5</b> Digital Documentation</p>	<p><b>Track 2</b> Design – Planning the Conservation of Historic Places</p> <p><b>CS2.5</b> Understanding Stone</p>	<p><b>Track 3</b> Delivery – Intervening in Historic Places</p> <p><b>CS3.5</b> Modern Heritage Materials</p>
<p><b>Governor General I, Level 4</b> <b>1:30pm–3:00pm</b></p>	<p><b>Governor General II, Level 4</b> <b>1:30pm–3:00pm</b></p>	<p><b>Governor General III, Level 4</b> <b>1:30pm–3:00pm</b></p>
<p>Session Chair <b>Mario Santana</b></p>	<p>Session Chairs <b>Keith Blades</b></p>	<p>Session Chair <b>Susan Ross</b></p>
<p>Digital Documentation and Modelling for the Cultural Landscape</p> <p>Presenter <b>Jon Weller</b></p>	<p>Bank of Canada, Ottawa: the story of sourcing decorative stone for interior 1938 lobby conservation</p> <p>Presenter <b>Trevor Gillingwater</b></p>	<p>Marina City - The History and Restoration of an Iconic Facade</p> <p>Presenters <b>Brian Greve</b> <b>John Duntemann</b></p>
<p>The Nebraska State Capitol: A Case Study on the Continued Use of Digital Technology for Information Management and Analysis of an Iconic Historic Structure (Part 1 of 2)</p> <p>Presenter <b>Julie Cawby</b></p>	<p>Conservation assessment and experimental mechanical pinning treatment of petrified sequoia wood stumps at Florissant Fossil Beds National Monument</p> <p>Presenter <b>Evan Oxland</b></p>	<p>No Lightweight Matter: developing a custom-made patch repair system for exposed lightweight aggregate precast concrete based on expanded clay materials</p> <p>Presenter <b>Michael Edison</b></p>
<p>A Capitol "App": Leveraging Open-sourced Technology to Document, Record, and Coordinate Work at the Nebraska State Capitol (part 2 of 2)</p> <p>Presenter <b>Zach Soflin</b></p>	<p>Scientific study on the long-term behavior of Calcitic Stone conservation in the New York City's ever changing climate.</p> <p>Presenter <b>Sandeep Sikka</b></p>	<p>Preserving Canada's First Subway Line: Vitrolite and the TTC</p> <p>Presenter <b>Meredith Stewart</b></p>
<p>Highlighting the Historic: Utilizing Autodesk Revit for Historic Fabric Documentation and Preservation Planning</p> <p>Presenter <b>Kevin Wohlgemuth</b></p>	<p>Sourcing Stone for Union Station Toronto</p> <p>Presenter <b>Dima Cook</b></p>	<p>Preserving Wright: A Sustainable Preservative System for the Exterior Wood of the Pope-Leighey House</p> <p>Presenter <b>Andrew Fearon</b></p>

# SESSIONS

1:30pm–3:00pm

<p><b>Track 4</b> Policy and Practice</p> <p><b>CS4.4</b> Town &amp; Crown: Visions and Plans for Canada's Capital</p>	<p><b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions</p> <p><b>CS5.2</b> Shifting Perspectives - Integrating a Broader View of Heritage</p>	<p><b>Track5</b> Integrating Old and New - Buildings, Districts and Landscapes</p> <p><b>CS5.5</b> Spark Session - Indigenous Heritage, Diversity, and New Directions</p>
<p><b>Confederation III, Level 4</b> 1:30pm–3:00pm</p>	<p><b>Confederation II, Level 4</b> 1:30pm–3:00pm</p>	<p><b>Confederation I, Level 4</b> 1:30pm–3:00pm</p>
<p>Session Chair <b>Heather Thomson</b></p>	<p>Session Chair <b>Jennifer Iredale</b></p>	<p>Session Chair <b>Tom Urbaniak</b></p>
<p>Town and Crown: Planning History of Canada's Capital</p> <p>Presenter <b>David Gordon</b></p>	<p>A new age of cooperation: Cuba, from Restoration to sustainability</p> <p>Presenter <b>Robin Whitehurst</b></p>	<p>Communicating Heritage Values in a Watershed of Change The Zibi Heritage Interpretation Plan, Ottawa-Gatineau Presenter: <b>Lori Anglin</b></p> <p>Core Values in Fundraising and Heritage Preservation at Wanuskewin Heritage Park Presenter: <b>Tara Janzen</b></p>
<p>Conservation and the Plan for Canada's Capital, 2017 - 2067</p> <p>Presenter <b>Dr. Mark Kristmanson</b></p>	<p>City of Lethbridge and Blackfoot Confederacy Traditional Knowledge and Use Assessment: Understanding Indigenous Heritage and Reconciliation through Land Use Planning</p> <p>Presenters <b>Perry Stein</b> <b>Andrew Malcolm</b></p>	<p>Indigenous Reconciliation Planning in Victoria, Australia Presenter: <b>Martin Green</b></p> <p>Restoration of the Galets de Natashquan site Presenter: <b>Émile Gilbert</b></p>
<p>The Evolving Long Term Vision Plan and Rehabilitation Strategy for Parliament Hill</p> <p>Presenters <b>Nathalie Laliberte</b> <b>Miriam MacNeil</b></p>	<p>Latinos in Heritage Conservation - A National Organization for Expanding and Preserving Latino Heritage</p> <p>Presenter <b>Edward Torrez</b></p>	<p>Places That Matter: Battle River Region, Alberta Presenter: <b>Maurice Hladik</b></p> <p>Restored by Light: Using Policy and Technology to Facilitate Interpretation and Community Engagement with World Heritage Sites Presenter: <b>Stephanie Phillips</b></p>
	<p>Music Cities: Austin's Red River Cultural District, Nashville's Music Row, and the Pursuit of Cultural Authenticity</p> <p>Presenters <b>Kelsey Riddle</b></p>	<p>Participatory Planning for Cultural Heritage Landscapes: Experiences from the Heritage Resources Centre at the University of Waterloo Presenter: <b>Martin Green</b></p> <p>Getting Creative with Policy: Rethinking the Policy Space for Heritage Presenter: <b>Bill Yuen</b></p>
	<p>Stakeholder Engagement and Heritage Legislation: The Nova Scotia Experience</p> <p>Presenter <b>Kevin Barrett</b></p>	



# EXHIBITORS

**#34 Algonquin College** - *Christopher Hahn, Dean*  
613-267-2859 • [www.algonquincollege.com/perth/](http://www.algonquincollege.com/perth/)  
Algonquin College, the 7th largest college in Canada, has campuses in Ottawa, Pembroke and Perth. In Perth, Ontario we deliver nationally recognized programs in built heritage at our Heritage Institute. Our values define us - Caring, Learning, Integrity, Respect.

**#39 Allied Scientific Pro** - *Luc Pilloud*  
819-208-1037 • [www.LightingPassport.com](http://www.LightingPassport.com)  
Allied Scientific Pro (ASP) specializes in the manufacturing, distribution and innovation of high quality and cost effective photonics hardware for the scientific community from all around the globe.

**#28 AMBICO** - *Alison Capuano*  
613-746-4663 • [www.ambico.com](http://www.ambico.com)  
AMBICO Limited manufactures leading edge, laboratory tested, specialized doors, frames and windows. We boast an extensive line of decorative and engineered products. Our network of independent reps and distributors enhances our ability to provide dedicated client service throughout the world.

**#9 Aperam Stainless Services & Solutions Canada Inc.**  
**Uginox.com (Roofing division)** - *Ingrid Mayr*  
289-313-2002 • [www.aperam.com](http://www.aperam.com)  
A manufacturer of stainless steel roofing and façade in a variety of finishes including patina and rolled-on. Our patina finish looks like lead or slate, ideal for historical restorations. Stainless is extremely light, requires minimum maintenance and lasts 100+ years, making it very cost effective. 100% recyclable.

**#44-47 Assorestauro** - *Andrea Griletto*  
+39 329 4323584 • [www.assorestauro.org](http://www.assorestauro.org)  
ASSORESTAURO' MEMBERS represents the Italian manufacturers of materials, equipment and technology, services and companies operating restoration of built heritage. Six of its specialized members are representing different fields: ELen, high precision laser cleaning; Fibrenet, structural and seismic reinforcement; Ibox, micro air-abrasion cleaning and diagnostics equipment; Leonardo & Thor, restoration and building analyses; Tecnova Group, multi-frequency non-invasive technology for rising damp; and Umiblok, high precision pointing, spraying and injection equipment.

**#18 Atkinson-Noland & Associates** - *Ashley Wright*  
303-444-3620 • [www.ana-usa.com](http://www.ana-usa.com)  
Atkinson-Noland & Associates is a boutique-engineering firm with offices in Boulder, Colorado and New York City. With over 40 years of experience in research, testing, design, and repair, we have established our expertise in the analysis and preservation of a wide variety of materials and structures.

**#49 Atwill-Morin**  
[www.atwill-morin.com](http://www.atwill-morin.com)  
Atwill-Morin specializes in heritage masonry façade rehabilitation. Providing service and quality, while administering and understanding the complexities and nuances of high profile historic projects, has become one of their strengths.

**#4 Beeck Mineral Paints** - *John Bogert*  
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Mineral Silicate Paint and other high quality historic paints and stains for Listed Buildings. BEECK Paints fit the building physics characteristics of historic structures with period correct formulation, durability, physical properties and handcrafted quality. Featuring: Breathable,

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**#19 Boston Valley Terra Cotta** - *Sarah Carroll*  
716-649-7490 • [BostonValley.com](http://BostonValley.com)  
Boston Valley Terra Cotta is the leading manufacturer of architectural terra cotta for restoration of historic facades and creation of high performance building envelopes.

**#22 Cathedral Stone Products** - *Inuk Jung*  
410-782-9150 • [www.cathedralstone.com](http://www.cathedralstone.com)  
Masonry restoration and cleaning products

**#6-7 Cintec** - *Robert Lloyd-Rees*  
613-225-3381 • [www.cintec.com](http://www.cintec.com)  
Cintec™ International is a globally recognized leader in engineering of structural masonry reinforcement & anchoring systems. Merging creative thinking with solid engineering principles, our reinforcement anchoring systems have solved thousands of client problems worldwide. Our innovative anchors provide a seamless solution for historic restorations, all masonry structures and other important buildings worldwide.

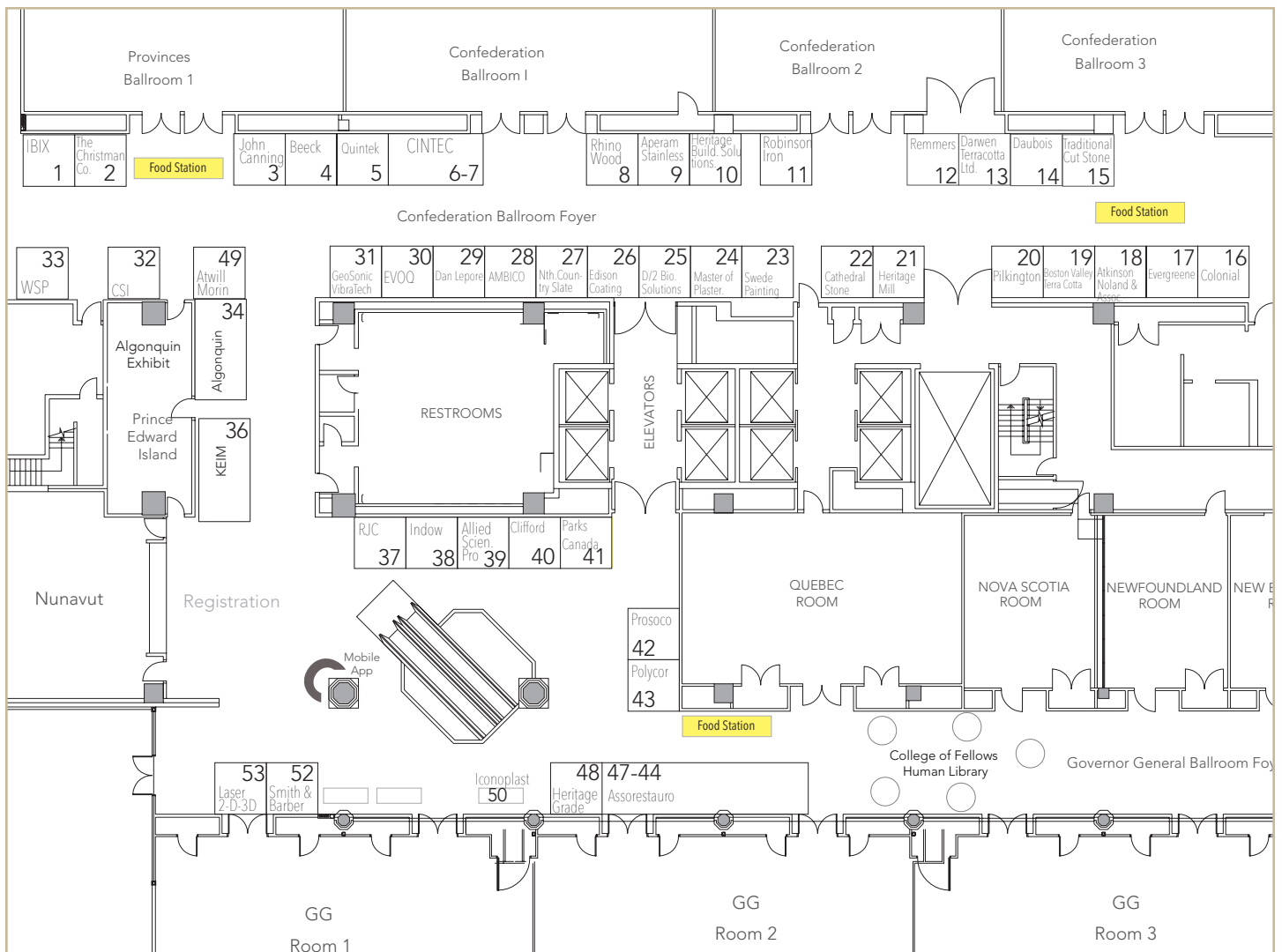
**#40 Clifford Restoration Limited** - *Corinne Brandon*  
416-691-2580 • [www.Cliffordrestoration.com](http://www.Cliffordrestoration.com)  
The CLIFFORD Group of Companies  
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**#16 Colonial Building Restoration** - *Kristen Kehoe*  
416-332-3770 • [www.colonial.on.ca](http://www.colonial.on.ca)  
Colonial Building Restoration's motto is "Preserving the past for Canada's Future", to this end our goal is to maintain our reputation as a preferred choice of any Company or Government Agency seeking first class building restoration. This is achieved through our consistent and unwavering dedication to our clients' needs.

**#32 Conservation Solutions** - *Terry Saeger*  
301-758-9688 • [conservationsolutionsinc.com](http://conservationsolutionsinc.com)  
Conservation Solutions is a woman-owned small business with companies in the United States and Canada. CSI is an industry leading, international, historic preservation business focusing on art, artifacts and architecture. Our skilled conservators have extensive expertise in condition assessment, testing and analysis, treatment design, specifications development, quality control oversight, treatment implementation and documentation.

**#25 D/2 Biological Solutions** - *Ted Kinnari*  
917-693-7441 • [www.d2bio.com](http://www.d2bio.com)  
D/2 Biological Solution cleaning, biological staining from architectural surfaces for 20 years. Developed for building conservators.

**#29 Dan Lepore & Sons** - *Lauren Shaughnessy*  
610-940-9888 • [www.danlepore.com](http://www.danlepore.com)  
Dan Lepore & Sons celebrates 70 years as a third-generation masonry construction and restoration company specializing in new building construction, maintenance, dismantlement, reconstruction, and preservation of buildings for a national clientele.



**#13 Darwen Terracotta & Faience - Philip V. Hoad**

289-235-8080 • [www.darwenterracotta.com](http://www.darwenterracotta.com)

Darwen Terracotta & Faience with their highly skilled and dedicated team have decades of experience in the terra cotta manufacturing and building construction industry, having worked on both restoration and new build projects on some of the most prestigious and significant buildings in the UK, Europe, Australia and North America.

**#14 Daubois, Inc - Stephane Roy**

514-328-1253 • [www.daubois.com](http://www.daubois.com)

Canadian manufacturer of mortars, grout, concrete restoration products, high performance coatings for building envelope; pre-colored on request for new construction or for the restoration of historical and heritage buildings.

**#26 Edison Coatings, Inc. - Michael P. Edison**

860-351-2032 • [www.edisoncoatings.com](http://www.edisoncoatings.com)

Manufacturer of custom repair materials, coatings, adhesives and historic mortars for concrete, stone and masonry buildings and structures.

**#17 Evergreene - David Roccosalva**

212-244-2800 • [www.evergreene.com](http://www.evergreene.com)

One of the advantages to working with EverGreene, is our single-source capability to assist you through an entire project. From restoration to conservation, from plasterwork to decorative painting, from new artwork to historic fine art, from surface preparation and quality coatings to custom decorative finishing treatments, EverGreene can help you execute all of your well-laid plans and designs.

**#30 EVOQ ARCHITECTURE - Alexander Glavonich**

514-393-9490 • [www.evoq.com](http://www.evoq.com)

EVOQ is an award-winning architecture firm recognized for quality work and site-sensitive design solutions. The firm specializes in heritage conservation, Inuit and First Nations architecture, residential and commercial projects and heritage planning. EVOQ is based in Montreal, with offices in Toronto, Ottawa and Iqaluit.

**#31 Geo Sonics/Vibra-Tech - Kristin Klemish**

570-455-5861 • [www.geosonicsvibrattech.com](http://www.geosonicsvibrattech.com)

GeoSonics/Vibra-Tech is the leading innovator in the seismic instrumentation and monitoring field, with a history of introducing new solutions for instrument monitoring and new services to get your data to you faster, while advancing the analysis of data through our research projects.

**#10 Heritage Building Solutions - King - Luc Genest**

450-434-8332 • [www.king-masonry.com](http://www.king-masonry.com)

As the Canadian leader in pre-bagged mortars and grouts, KING's Heritage Buildings Solutions division offers a complete range of products for your restoration needs. From the selection of the product to its use in the field, our qualified experts support you all along the line.

**#48 Heritage Grade - Mark Jones**

514-846-2099 • [www.heritagegrade.com](http://www.heritagegrade.com)

At Heritage Grade™ our passion and expertise is heritage buildings. Since 1994 the HG™ team of artisans, project staff, tradespeople, conservators and technicians have focused on the manufacturing, repair, restoration and maintenance of historic building components. Heritage Grade™ works with wood, metal, stained glass, plaster, lighting, stone, paint & finishes.

**#21 Heritage Mill - Alan Stacey**

905-628-3052

Heritage Mill is a company dedicated to the art of traditionally crafted exceptional historical architectural woodwork. Our reputation of excellence in custom historic joinery and conservation services, is founded on our renowned attention to detail, sensitivity to the heritage structure and the innovative assets we bring to every project.

**#1 IBIX North America - Riccardo Gigli**+39-0545-994589 • [www.ibix.it](http://www.ibix.it)

IBIX provides comprehensive solutions based on a scientific approach in the field of historic preservation, from on-site diagnostics with a special portable Lab Kit to support architects and conservators during the definition of their conservation projects to eco-friendly selective media cleaning technologies that enable conservative cleaning operations.

**#50 Iconoplast Designs - Jean-François Furieri**416-534-1844 [www.iconoplast.com](http://www.iconoplast.com)

Our mandate is to retain 100% of the remaining historic fabric, and our impeccable record serving architects, preservationists and heritage building management is a testament to this.

**#38 Indow Windows - Russ Eisenberg**503-284-2260 • [www.indowwindows.com](http://www.indowwindows.com)

Indow Windows is a cleantech company committed to making the built environment energy efficient while preserving historic structures. Its innovative inserts make old growth wood windows perform like new double panes. Edged in silicone compression tubing, they press into the interior of windows to reduce energy costs by 20 percent.

**#3 John Canning & Company - Marcie Clifford**203-272-9868 ext. 307 • [www.johncanningco.com](http://www.johncanningco.com)

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

**#36 KEIM - Roy Suttles**704-588-4811 ext: 204 • [www.keim.com](http://www.keim.com)

KEIM Mineral Coatings of America, Inc. Our products, mineral silicate finishes last for decades, are safe, sustainable, breathable, weather resistant, and UV stable.

**#53 Laser 2D-3D - Guy Lefebvre**514-262-1431 • [www.laser2d-3d.com](http://www.laser2d-3d.com)

Laser 2D-3D Inc. is a company specializing in the area of building digitization. Our team has perfected a patented, best-in-class, digitization system that is unique in the world. This innovative laser technology simultaneously measures and draws directly onto the computer reducing manual input to a minimum thus providing significantly increased accuracy in the most cost efficient way possible.

**#24 Master of Plaster - Kirstie Dillon**803-530-8232 • [www.masterofplaster.com](http://www.masterofplaster.com)

Master of Plaster is a manufacturing firm that specializes in handcrafting historically authentic slaked lime plasters. Our lines of Restoration plaster, Limewash, Veneer plaster, and Caenstone are used throughout the Historic Preservation realm to save, restore, and preserve the interior architectural integrity of private and public historic structures.

**#27 North Country Slate - Sheena Owen**416-724-4666 • [www.ncslate.com](http://www.ncslate.com)

North Country Slate provides technical support, design advice, transportation services, industry knowledge and access to large inventories. The specification of a North Country Slate roof for your building is recognized across North America as a requirement for uncompromising quality that cannot be matched by imitation products. Installed by crafts people at the top of their game, you will have The 100 Year Roof.

**#41 Parks Canada - Marina Andries**519-826-5391 • [www.pc.gc.ca](http://www.pc.gc.ca)

Parks Canada supports Canada's national parks, historic sites and marine conservation areas.

**#20 Pilkington North America - Kyle Sword**419-247-3994 • [www.pilkington.com](http://www.pilkington.com)

Pilkington North America manufactures glass and glazing products for the architectural and automotive markets. Benefits of the glass include noise control, solar heat control, and thermal insulation. Pilkington produces a variety of specialty glass products such as anti-reflection, low-e, thin display glass, chemically strengthened, vacuum insulated, and glass flake.

**#43 Polycor - Marie-Eve Gilbert**418-563-9326 • [www.polycor.com](http://www.polycor.com)

Founded in 1987 in the City of Québec, Polycor distributes natural stone products across North America. The company transforms granite, marble, limestone and soapstone into blocks, slabs, tiles, mosaics and landscaping products. Now employing over 800 people, it has 30 quarries and 12 factories in Canada and the United States.

**#42 PROSOCO - Javier Aquí**758-830-7325 • [www.prosoco.com](http://www.prosoco.com)

PROSOCO is a national manufacturer of cleaners, protective treatments, and consolidation treatments for the sustainable restoration and preservation of historic masonry interiors and exteriors. PROSOCO also makes products to clean and protect new masonry; and keep building envelopes air- and water-tight.

**#5 Quintek - Gino Varacalli**610-940-1490 • [www.quintek.com](http://www.quintek.com)

Facade cleaning technology that is gentle on the building and the environment.

**#12 Remmers - Brenda Dauwen**+ 32-0-14-84-80-80 • [www.remmers.com](http://www.remmers.com)

Remmers BVBA is a leading manufacturer of products for the restoration and conservation of stone and wood. For over more than 60 years, Remmers has participated in many important monuments including St. Paul's Cathedral – London, Louvre – Paris, Angkor Wat – Cambodia and built a unique know-how. We are at your service.

**#8 Rhino Wood Repair - Robin Pixner**613-322-8806 • [www.rhinowoodrepair.com](http://www.rhinowoodrepair.com)

Rhino Wood Repair is a complete wood epoxy restoration system that allows YOU to avoid costly wood replacement with a permanent, structural, and waterproof repair. Shape, sand, paint, stain, drill, screw, nail, lathe and more! Whatever you can do with wood, you can do with Rhino Wood Repair.

**#37 RJC Engineers - Monica Silenzi**403-283-5073 • [www.RJC.com](http://www.RJC.com)

RJC Engineers delivers solutions in Structural Engineering, Structural Restoration, Building Science, Parking Facility Design and Structural Glass/Facade Engineering. Our network of heritage structural engineers and building science specialists across Canada, provides superior client service and the depth and resources of a leading North American firm that is committed to creative thinking and practical results.

**#11 Robinson Iron - Scott Howell**256-329-8486 • [www.robinsoniron.com](http://www.robinsoniron.com)

Robinson Iron is a closely held company which specializes in architectural cast metals. Its capabilities include CAD design, custom patternmaking, 3D laser scanning and routing, castings in iron, bronze and aluminum, in-house fabrication, in-house finishing, and on-site installation. Robinson Iron has successfully completed projects on historic structures in the U.S and abroad since 1946.

**#52 SMITH & BARBER - Philippe Smith**613-322-8806 • [www.SMITHANDBARBER.COM](http://www.SMITHANDBARBER.COM)

SMITH & BARBER – SCULPTURE ATELIER INC. is devoted to practicing the time-honored crafts of stone carving. Using a traditional approach, they provided sculptural elements for heritage restoration projects. Most notably, fabricated the cut and carved replacement stones from the West Block Rehabilitation Project in Ottawa, Canada.



**#23 Swede Painting**

866-516-7787 • [www.solventfreepaint.ca](http://www.solventfreepaint.ca)

The future of paint is found in the past. Allback Linseed Oil Paint draws on knowledge of the past, modern production techniques, and environmental consciousness to open up a new world of craftsmanship, durability and quality. Swede Paint Ent. represents Allback in Canada. Visit our website to see our complete product offering.

**#2 The Christman Group - Tom Whitmore**

517-482-1488 • [www.christmanco.com](http://www.christmanco.com)

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

**#15 Traditional Cut Stone - Richard Carbino**

416-652-8434 ext 23 • [www.traditionalcutstone.com](http://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.

**#33 WSP - Carly Connor**

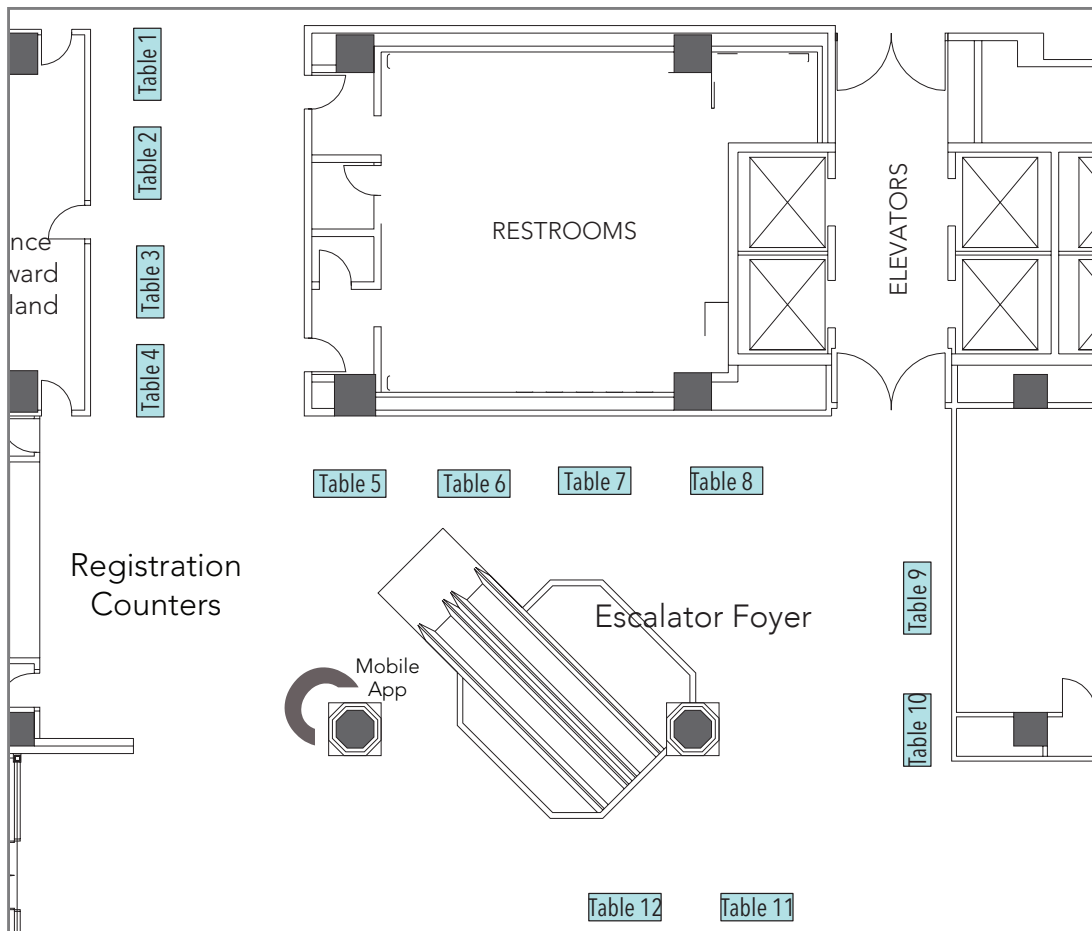
905-529-4414 • [www.wspgroup.ca](http://www.wspgroup.ca)

WSP is one of the world's leading professional services consulting firms. With one of the largest building envelope renewal teams in Canada including heritage restoration and structures specialists, WSP provides services to transform and restore the built environment.

# DEMONSTRATION PAVILION

Saturday, October 14

7:45–3:30pm, Level 4



- 1. US History Group
- 2. BVH
- 3. Void Span
- 4. Tornado

- 5. KEIM
- 6. Eco-Strip LLC
- 7. Swede Paints
- 8. Logs End Reclaimed Wide Plank Flooring

- 9. ARA
- 10. Stantec
- 11. AMBICO
- 12. GC Lasers

# APT STUDENT SCHOLAR RECIPIENTS

The APT Scholarship and Outreach Committee selected the following students to receive an APT Ottawa 2017 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!

## 2017 Martin Weaver Student Scholar Recipient

### Evan Oxland, CS2.5

University of Pennsylvania

Advisor: Frank Matero

Mentor: Ron Anthony

### Grigor Angjeliu, CS1.3

Politecnico di Milano

Advisor: Dario Coronelli

Mentor: Ron Staley

### Olivier Anterrieu, CS1.1

INRS

Advisor: Bernard Giroux

Mentor: Paul Gaudette

### Silvia Callegari, CS4.1

University of Pennsylvania

Advisor: Frank Matero

Mentor: Mike Jackson

### Kathleen Cont, CS6.2

University of Texas at Austin

Advisor: Michael Holleran

Mentor: Bob Mack

### Nicole Declat, CS1.2

University of Pennsylvania

Advisor: Frank Matero

Mentor: Lonnie Hovey

### Amelia DeCoster, CS7.1

Savannah College of Art and Design

Advisor: Thomas Taylor

Mentor: Susan Ross

### Lucie Fusade, CS3.4

University of Oxford

Mentor: Heather Viles

Advisor: Norman Weiss

### Crystal Hanley, CS6.3

Jan Hird Pokorny Associates, Inc.

Mentor: Minja Yang

Advisor: Thomas Jester

### Nina Jean-Louis, CS4.3

Pratt Institute

Advisor: Vicki Weiner

Mentor: George Skarmas

### JinWon Lee, CS6.1

The University of Texas at Austin

Advisor: Frances Gale

Mentor: David Hart

### Lucy Midelfort, CS3.2

The University of Pennsylvania

Advisor: Catherine Myers

Mentor: Jonathan Spodek

### Scott Orr, CS1.4

University of Oxford

Advisor: Heather Viles

Mentor: David Wessel

### Mark Perdiguerra, CS7.2

Cal Poly Pomona

Advisor: Lauren Bricker

Mentor: Ann Sullivan

### Kelsey Riddle, CS5.2

University of Texas at Austin

Advisor: Michael Holleran

Mentor: Jill Gotthelf

### Aleen Stanton, CS5.4

University of York, UK

Advisor: John Schofield

Mentor: Hugh Miller

### Meredith Stewart, CS3.5

School of the Art Institute of Chicago

Advisor: Anne Sullivan

Mentor: Deborah Slaton

### Jon Weller, CS1.5

University of Calgary

Advisor: Nancy Pollock-Ellwand

Mentor: Pamela Jerome

### Hilary Wyatt, CS2.1

Welsh School of Architecture, Cardiff University

Advisor: Oriol Prizeman

Mentor: Nan Gutterman

# GETTY TRAVEL RECIPIENTS

Thanks to the generous support and ongoing support of the Getty Foundation, numerous preservation professionals from Latin America and the Caribbean are able to travel to this year's Conference. ¡Bienvenidos!

Yaniet Molina Bello, Cuba  
Ailyn Posada Beltran, Cuba  
Carmen Silvia Saraiva Maseo de Castro, Brazil  
Velia Nadiezda Beltrán Centurión, Peru  
Zeno Raul Barros Cespedes, Chile  
David Cohen, Colombia  
Soraia Aparecida Martins Farias, Brazil  
Luciana Rocha Feres, Brazil  
Claudia Hernandez, Colombia

Alberto Jose Herrera Diaz, Colombia  
Beatriz Silvia Garzon, Argentina  
Erika E. Perez Muzquiz, Mexico  
Sergio Myssior, Brazil  
Gabriella Siccardi Pisano, Uruguay  
Claudia Rodríguez, Mexico  
Marcela Guadalupe Mariano Romero, Mexico  
Christian Luis Untoiglich, Argentina  
Rodrigo Vergili, Brazil



The Getty Foundation

# STUDENT DESIGN BUILD COMPETITION

Conservation of masonry structures is a multi-billion-dollar industry in North America, with an ever-growing demand for qualified and capable designers and trades people. The 2017 Association for Preservation Technology (APT) Preservation Engineering Technical Committee (PETC) Student Design Build Competition will focus on masonry and the masonry arch, including the technologies surrounding their preservation.

The competition looks to challenge students from a range of backgrounds in friendly competition while providing the best "take-away" experience possible. In keeping with the location of the finals, the Canadian conservation vocabulary and the metric system will be used.

## 2017 Finalists (in alphabetical order)

### Carleton University (Ottawa)

**Team:** Michael Gutland; Meghan Potts; Ben Clark; Kathryn Chung; Yasmine Arshad; Abhijit Dhanda  
**Advisor:** Ted Sherwood  
**Mentor:** John Cooke

### McGill University (Montreal)

**Team:** Rico Joey Massa; Albert Charukhchyan; Alina Rudman; Ryan Tack; Christopher Orcutt; Omar El Shemy  
**Advisor:** Denis Mitchel  
**Mentor:** Marc G. Côté

### Texas A&M University (Kingsville)

**Team:** Joshua Bailey; Justin De La Rosa; Hector Leal; Kevin LeBlanc; Sara Williams  
**Advisor:** Jim Glusing  
**Mentor:** Patrick Sparks

### University of Nebraska-Lincoln

**Team:** Bora Pulatsu; Colin Miller; Edward McNamara; Nathan German; Jessica Larsen  
**Advisor:** Ece Erdogmus  
**Mentor:** Jerry Berffren

### Willowbank School of Restoration Arts

**Team:** Alexandre Krucker; Amieyla Gilmore; Andrew Bowers; Garrett France-Wyllie; Jasoda Silva; Sarah Millar  
**Advisor:** Nancy Oakley  
**Mentors:** Will Teron & Gerry Zegerius

### Honorable mention:

Algonquin Collage  
Southern Illinois University at Edwarville  
University of Texas at Austin

## Schedule of events during the Conference

We encourage you to stop by and see what our students are working on, but more important, interact and share your expertise and insight!

### Thursday, October 12

8:30am-4:30pm PETF Student Design Build Competition Workshop  
6:30pm Student Design Build Competition Teams: Qualifying Submission Presentations

### Newfoundland / Nova Scotia, Level 4

### Friday, October 13

7:30am-4:30pm Meet and Mingle Student Build Competition  
Teams will be at competition room and around the Exhibit Hall looking to engage preservation professionals as they work on their preservation problems.

### Newfoundland / Nova Scotia, Level 4

### Saturday, October 14

7:45am PETF Design Build Competition – Official Build Start  
10:15am-12:00pm Testing of the arch structures  
12:00pm Student presentation of arches  
3:00pm Presentation of the 2017 Awards and official launch of 2018 Competition

### Confederation Foyer, Level 4

This program was made possible through the countless hours of our committee as well as the following sponsoring companies and individuals. Thank you all!

Adam Rush  
Amy Lamb Woods  
Bennett Preservation Engineering PC  
Brandon Bernard  
Canadian Association of Heritage Professionals  
Cintec  
Clifford Group  
Coastal Restoration & Masonry Limited

IMI – Union Masonry Craftworkers Contractors & Consultants  
King Heritage Building Solutions  
MyTiCon Timber Connectors Inc.  
Old Structures Engineering  
Paul Kuenstner  
Ms. Susannah J. Rast & Mr. John E. Dumsick  
Tim Crowe  
WJE



# SAVE THE DATE!

A conference like no other in APT's history.  
 In the United States AND Canada.  
 Richardson, Sullivan, Wright, Olmsted & Vaux.  
 Bunshaft, Yamasaki, Pei.  
 Grain elevators that inspired Modernism.  
 World class parks, waterfronts and vineyards.  
 And of course, Niagara Falls.  
 Now a renaissance fueled by adaptive reuse.  
 "The Next Fifty" Symposium.  
 3 Workshops. Over 30 Field Sessions.  
 And Canada Day – a day to share our  
 heritage and future, together.

**SEE YOU NEXT YEAR.**



POINTS OF  
DEPARTURE



**APT BUFFALO NIAGARA 2018**  
 SEPTEMBER 22-26, 2018  
 CELEBRATING APT'S 50TH ANNIVERSARY

[VISITBUFFALONIAGARA.COM](http://VISITBUFFALONIAGARA.COM)

 National Trust  
for Canada

**FREDERICTON, NB**  
**OCTOBER 17-20**

**NATIONAL TRUST CONFERENCE 2018**  
 in association with the Canadian Association  
 of Heritage Professionals

**SAVE  
the  
DATE**

[nationaltrustcanada.ca](http://nationaltrustcanada.ca)

# Herb Stovel

## Scholarship

*Recognizing the next generation of heritage leaders.*

### Congratulations to our recipients!

**James Arteaga** of Ottawa, Ontario (MA Canadian Studies in Heritage Conservation at Carleton University) received a conference bursary to attend *CAPITALizing on Heritage*.

**Carly Farmer** of Ottawa, Ontario (MA Architecture student at Carleton University) is the recipient of a \$2,500 project bursary to attend the 2017 International Council on Monuments and Sites (ICOMOS) General Assembly and Scientific Symposium, Heritage and Democracy in Delhi, India.

**Yuki Naganuma** of Toronto, Ontario (Post Baccalaureate student in the Urban and Regional Planning Program at Ryerson University) received a conference bursary to attend *CAPITALizing on Heritage*.

### Make a donation today.

In person at Registration or online at [nationaltrustcanada.ca/HerbStovel](http://nationaltrustcanada.ca/HerbStovel)

### Schedule of events during the Conference

Thursday, October 12

*Night @ the Mercury*

9:00pm–11:30pm Raising awareness and funds for the Herb Stovel Scholarship Program

Friday, October 13

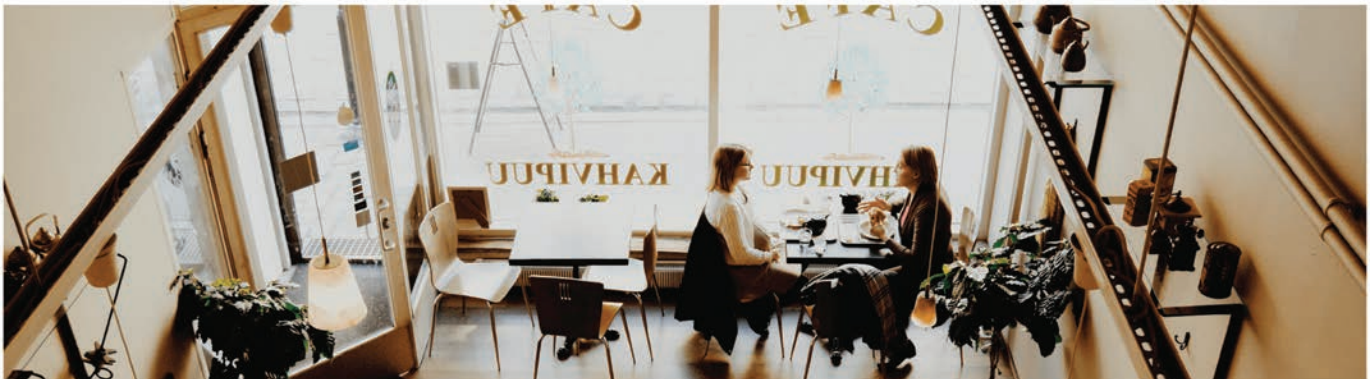
*National Trust-CAHP Awards Ceremony*

7:30pm-10:00pm Herb Stovel Scholars recognized

*The Herb Stovel Scholarship is administered by the National Trust for Canada in cooperation with a professional advisory committee.*



National Trust for Canada



[www.regenerationworks.ca](http://www.regenerationworks.ca)

## Regeneration Works

Regeneration Works is your one-stop shop for tools, training and coaching to help you improve the vitality of your heritage place.



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BUILDINGS & SITES

National Trust for Canada  Fiducie nationale du Canada

Canada 

Partially funded by the Government of Canada

# Downtown Ottawa



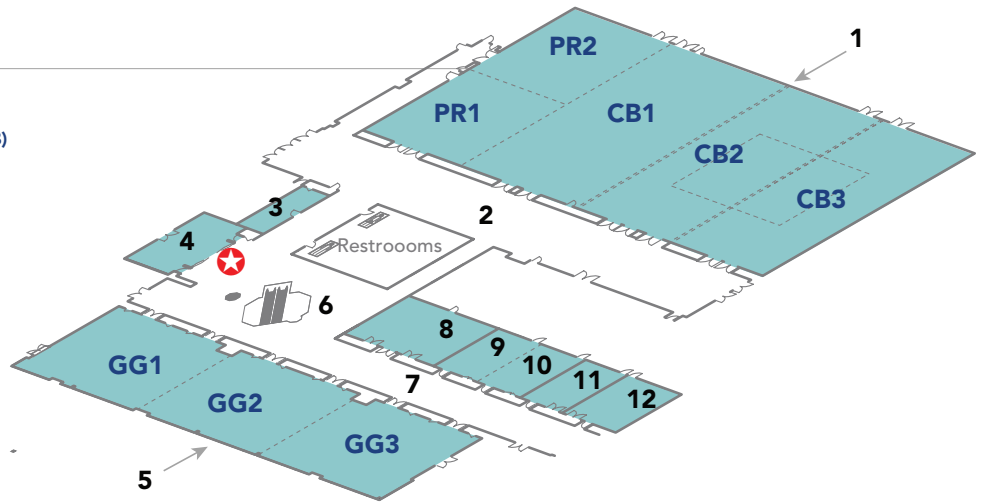
- 1 Mercury Lounge** (Content and Cocktails)  
56 Byward Market Sq
- 2 The Albion Rooms** (APT Chapters Mixer)  
33 Nicholas St.
- 3 Saint Brigid's Centre for the Arts** (National Trust Awards Ceremony)  
310 St Patrick Street
- 4 Sir John A. MacDonald Building** (Joint Closing Party)  
144 Wellington St
- 5 Capital Urbanism Lab** (Lessons and Legacy of Canada's Centennial)  
40 Elgin Street, 2nd Floor

- 1 The Westin Ottawa**  
11 Colonel By Drive  
(613) 560-7000
- 2 Fairmont Château Laurier**  
1 Rideau Street  
(613) 241-1414

**WESTIN OTTAWA HOTEL**  
**FOURTH FLOOR: MAIN CONFERENCE LEVEL**

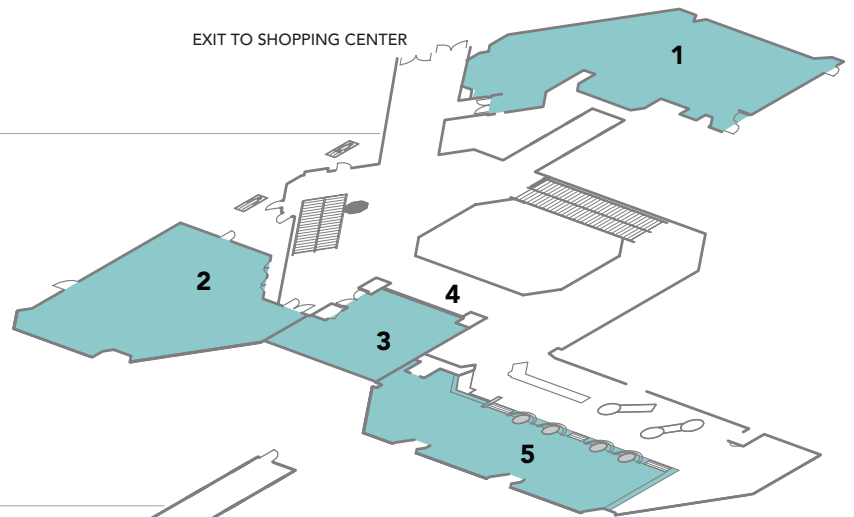
★ REGISTRATION

- 1 PROVINCES (PR) & CONFEDERATION BALLROOM (CB)
- 2 CONFEDERATION FOYER
- 3 PRINCE EDWARD ISLAND
- 4 NUNAVUT
- 5 GOVERNOR GENERAL BALLROOM (GG)
- 6 ESCALATOR FOYER
- 7 GOVERNOR GENERAL FOYER
- 8 QUEBEC
- 9 NOVA SCOTIA
- 10 NEWFOUNDLAND
- 11 NEW BRUNSWICK
- 12 ALBERTA



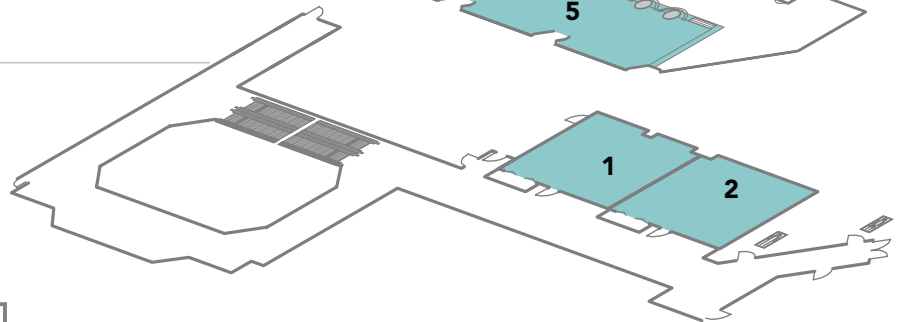
**THIRD FLOOR**

- 1 LES SAISONS
- 2 ONTARIO
- 3 SASKATCHEWAN
- 4 THIRD FLOOR FOYER
- 5 DALY'S

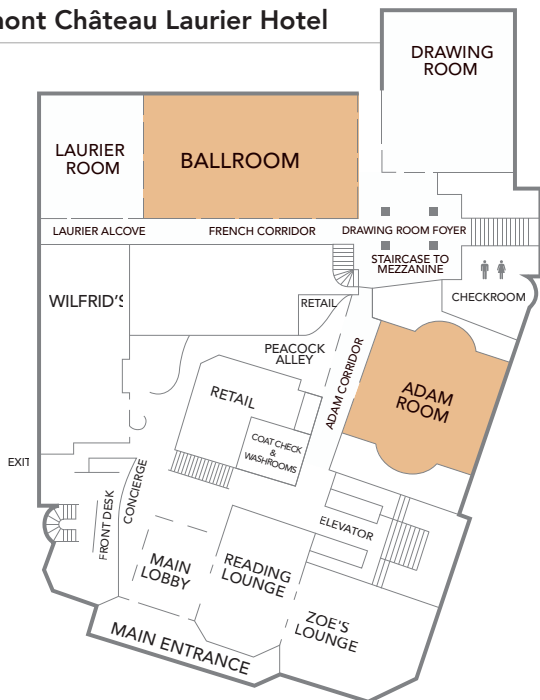


**SECOND FLOOR**

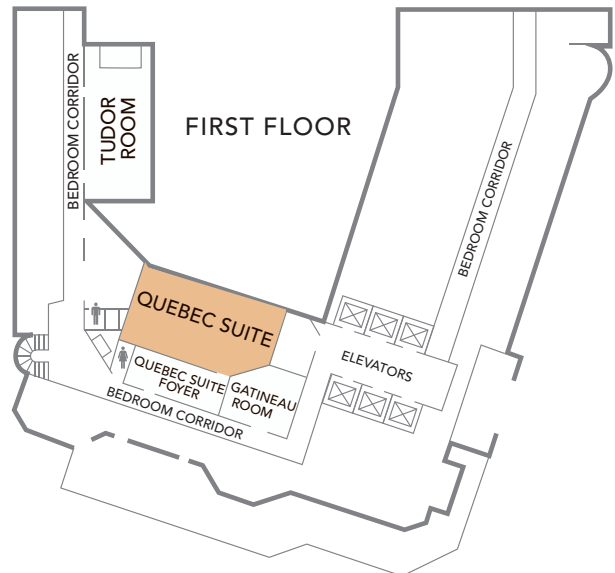
- 1 MANITOBA
- 2 BRITISH COLUMBIA



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