

COMMUNITY, GOVERNMENT & SAVOIR-FAIRE



National Trust for Canada

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# APT & NATIONAL TRUST FOR CANADA 2017 JOINT CONFERENCE

# OCTOBER 11-14

In Association With CAHP | ACECP | 150

PROGRAM BOOK

Photo: Ottawa Tourism



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
7:00am–7:00pm	WS1 and WS2 Registration (Off-site)
8:30am–5:00pm	WS1: Big Sticks - Log & Timber Frame Conservation (Day1)
8:30am–5:00pm	WS2: Masonry & Mortars (Day 1)
8:30am–5:00pm	WS3: Digital Diagnostics & Technology (Day 1)
1:00-6:00pm	Joint Conference Registration

# Wednesday, October 11

7:00am–1:30pm	Joint Conference Registration
8:30am–5:00pm	APT Board of Directors Meeting
Various	WS1, WS2, WS3, Day 2
9:00am–12:00pm	WS4 - Mighty Sites: New Partnerships for Historic Sites
12:30pm–4:30pm	Afternoon Field Sessions (FS4, FS13)
1:00pm–4:00pm	WS5: Punching Above Your Weight
4:00pm–7:00pm	Joint Conference Registration and Resource Desk
6:00pm–9:00pm	National Trust Board of Directors Dinner and Meeting
6:30pm-8:30pm	Heritage, circa 1967: The Lessons and Legacy of Canada's Centennial in the Capital and Beyond (Off-site)

# 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 Morning Walking Tour (FT1) See Page 17 Morning & Afternoon Field Sessions (FS1, FS2, FS3, FS5, FS10, FS11) See Page 17 Various 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) Quebec, Level 4 9:00am-12:00pm WS6: Downtowns Rising - Strategies for Downtown Renewal 9:00am-3:00pm National Trust–National Council Meeting Provinces II, Level 4 Afternoon Field Sessions (FS6, FS7, FS8, FS12) See Page 17 and 19 Various See Page 19 1:00pm-4:00pm Afternoon Walking Tours (FT2, FT3) 1:00pm-4:00pm National Trust–National Forum on Heritage Planning (Off-site) WS7: Building Strength - Regenerating Places of Faith Quebec, Level 4 1:00pm-4:00pm 1:00pm-4:30pm College of Fellows Business Meeting CAHP Annual General Meeting Provinces I, Level 4 1:30pm-3:30pm 3:30pm-5:00pm APT Preservation Engineering Technical Committee (Off-site) APT Student Scholar and Mentor Meet & Greet 4:00pm-5:00pm 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 5:00pm-6:30pm **KS1:** Welcome and Opening Keynote 6:30pm-9:30pm SE2: Exhibit Hall - Gala Foyers, Level 4 College of Fellows Human Library Experiment 6:30pm-8:30pm 8:00pm-10:00pm **APT Student Scholar Practice Sessions** 9:00pm-11:00pm APT Chapters Mixer (Off-site) The Albion Rooms 9:30pm-11:30pm SE9: A Night @ the Mercury (Off-site) Mercury Lounge

Westin, Main Hotel Lobby Château Montebello, Lobby See Page 13 See Page 13 See Page 13 Westin, Main Hotel Lobby

Westin, Main Hotel Lobby Château Montebello, Heritage See Page 15 Quebec, Level 4 See Page 15 Quebec, Level 4 Escalator Foyer, Level 4 Newfoundland/Nova Scotia, Level 4

See Page 15

Château Laurier, Quebec Suite Château Laurier, Quebec Suite Governor General I, Level 4 Château Laurier, Palladian Room Governor General III, Level 4 Confederation I & II, Level 4 Governor General Foyer, Level 4 Governor General I & II, Level 4

# 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	SE3: APT 2018 Preview Lunch and Student Scholar Recognition Program* (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	KS2: COF Keynote & Installation (Off-site)	Château Laurier: Adam Room
7:30pm–10:30pm	SE4: APT Awards Banquet* (Off-site, ticketed event)	Château Laurier: Ballroom
7:30pm–10:00pm	SE5: National Trust & CAHP Awards Ceremony & Reception (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	SE6: Chapters Breakfast* (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	New Event! Demonstration Pavilion	Foyers, Level 4
8:00am–5:00pm	SE8: TCPE-Student Masonry Arch Competition	Confederation Foyer, Level 4
8:45am–10:15am	KS3: Historic Buildings and the Race to Net-Zero Carbon	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	SE7: Special Joint Closing Celebration* (Off-site, ticketed event)	Sir John A Macdonald Building

# HERITAGE INSTITUTE CONNECTED to the Past EMBRACING our Future



ALGONQUIN

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 nuture 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.

Perth Campus



# 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.



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2017 JOINT CONFERENCE

# TABLE OF CONTENTS

Welcome!
Local Conference Committee
2017 Sponsors
Mobile App
Full Schedule
Featured Speaker Bios
Conference Tracks
Paper Sessions

)	Exhibit Hall Map	37
,	Exhibitor Directory	36
3	Demonstration Pavilion	39
	Student Scholars	40
3	Getty Travel Recepients	40
3	Student Build Competition	41
)	Downtown Ottawa	44
)	Hotel Map Inside back	cover

# **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 architects du Québec, and the Canadian Institute of Planners. Please see the conference website.



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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

Natalie Bull,

Dean Koga President, APT

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

Executive Director, National Trust

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



# **CONFERENCE COMMITTEE**

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!

## Local Conference Committee

Mark Thompson Brandt LCC Co-Chair, APT & Program Sub-Committee Co-Chair

Chris Wiebe LCC Co-Chair, National Trust & Program Sub-Committee Co-Chair

Pat Buchik Student & Outreach Sub-Committee Co-Chair & Federal Gov't Liaison

Claude Charbonneau Field Sessions Sub-Committee Co-Chair

John G. Cooke Special Events Sub-Committee Co-Chair

Marc G. Côté Workshops Sub-Committee Co-Chair

**John Diodati** APT Conference Committee

**Stuart Lazear** Special Events Sub-Committee Co-Chair

Francois LeBlanc Student & Outreach Sub-Committee Co-Chair

**Gregory Manley** Fundraising & Marketing Sub-Committee Co-Chair

Heather McArthur Heritage Ottawa Liaison

Myles McDevitt Federal Gov't Liaison Officer

Ann De Mey Field Sessions Sub-Committee Co-Chair & Federal Gov't Liaison

Rosanne Moss Marketing Sub-Committee Co-Chair

Ali Piwowar Special Events Sub-Committee Co-Chair

Mario Santana Quintero Workshops Sub-Committee Co-Chair

Ken Trischuk Program Sub-Committee Co-Chair & LCC Vice Chair

# Workshop Organizers

Ronald W. Anthony Mark Brandt Marc G. Côté Tim Crowe John Diodati Stephen Fai Chris Gray Janet Null Christian Ouimet Mario Santana James Shepperd

## Session Chairs

Victoria Angel Tamara Anson-Cartwright Hanna Bell Keith Blades Mark Brandt Pat Buchik Dima Cook John Cooke Tim Crowe David Edgar Anne Fitzpatrick Sean Fraser Beth Hanna Jennifer Iredale Ken Itle Stephen Kelley Nancy Labreque James Maddigan Julia Manglitz Tom Morrison Jim Mountain Kyle Normandin Rob Pajot Andrew Pamenter Stephen Robinson Susan Ross Mario Santana Heather Thomson Tom Urbaniak

John Waite Chris Wiebe Dan Worth Robert Young

#### Abstract Reviewers

Victoria Angel Tamara Anson-Cartwright Keith Blades Jean-Michel Carrière Julie Cawby Sally Coutts **Timothy Crowe** Daniel Cusson David Edgar Sarah Gray Jennifer Iredale Stephen Kelley Jan Kubanek Nancy Labregue Agatha Lopez Don Loucks James Maddigan Julia Mathias Manglitz Michael McClelland Tom Morrison Judith Mosley Jim Mountain Sonia Mrva Catherine Nasmith **Kyle Normandin Robert Pajot** Susan Ross Mario Santana Quintero Julie Schueck Michael Scott Kathy Stacey Will Teron Megan Torza Peter Wollenberg Dan Worth Jane Zhang

# Student & Outreach

Sub-Committee Heather McArthur Susan Ross Raluca Dobrotescu

## APT Conference Team

Paul Kuenstner, APT Executive Director Vanessa Olmo, Conference Manager Janet Bascom Adam Dusenbury Tamiko Kinkade Zenaida Mendoza Elizabeth Smith Marti Smith

#### National Trust Conference Team

Natalie Bull, Executive Director Chris Wiebe, Conference Manager Emily Boulet Hollie Boulet Alison Faulknor Katrina Guerin Sonja Kruitwagen Eliot McRae Jim Mountain Julie Normandeau Robert Pajot Kevin Parker

#### **CAHP** Conference Team

Rosanne Moss, President Donald Loucks Gerry Zegerius Christoper Andreae Eve Guinan Robyn Huether Ellen Kowalchuk Thomas Morrison Donovan Pauly Elaine Radman Susan Schappert Julie Schueck

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: National Trust National Council National Roundtable on Heritage Education



APT and National Trust for Canada recognize the individuals and companies who ensure the Conference's standard of excellence.



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# 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	<b>Registration (WS1, WS2)</b> Château Montebello, Lobby
7:30am–8:30am	<b>Breakfast (WS1, WS2)</b> The Montebello Room
7:00am–9:00am	Joint Conference Registration Hotel Lobby, Westin Ottawa
7:15am–8:00am	<b>Breakfast (WS3)</b> 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 Doug Porter Lyse Blanchet

Ed Meade Mike Cotroneo Andrew Pamenter

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
David Edgar
Eric Jokinen
John Walsh

Ben Gourley Ken Trischuk Keith Blades 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 handson 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	<b>Lunch (WS3)</b> Carleton University
1:00pm–6:00pm	<b>Joint Conference Registration</b> 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	<b>Breakfast (WS3, WS4)</b> Hotel Lobby, Westin Ottawa
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8:00am Bus departure for Carleton University (WS3) Hotel Lobby, Westin Ottawa



# **JOIN CANADA HISTORIC PLACES DAY**

July 7, 2018 www.historicplacesday.ca #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).

10:00am–10:15am	Break
Noon–1:00pm	<b>Lunch (WS1, WS2)</b> The Montebello Room
Noon–1:00pm	<b>Lunch (WS3)</b> 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).

2:00pm–2:15pm	Break
4:00pm-7:00pm	<b>Joint Conference Registration</b> 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 A joint public and conference event CCN 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.

Helping Preserve Historic Landmarks since 1992

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contact: Kent Diebolt • vertical-access.com kent@vertical-access.com • 607-257-4049

# Thursday, October 12

7:00am–7:00pm	Joint Conference Registration and Resource Desk Escalator Foyer, Level 4	
7:00am–8:00am	<b>Joint Continental Breakfast</b> 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 digitallyassisted 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).

#### 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.

# VISIT US AND LEARN MORE

www.getty.edu/conservation

# OUR WORK

Model field projects, scientific research, and education initiatives

# FREE RESOURCES

Books, AATA online, bibliographies, videos, newsletters, teaching resources, and more

# PROFESSIONAL OPPORTUNITIES

Graduate internship, post-doctoral fellowship, and residential guest scholar programs

Sign up to receive the GCI Bulletin and Conservation Perspectives, The GCI Newsletter





The Getty Conservation Institute



# Thursday, October 12 (con't)

## 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 a1960s 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 mixeduse 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) and is delivered in partnership with Faith and the Common Good (www.placesoffaith.ca).

1:00pm–4:00pm	<b>National Trust - National Forum on Heritage Planning</b> 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	<b>SE1: Sponsor Reception</b> (by invitation only) Daly's, Level 3



#### **Cintec Sponsor Lounge** Ballroom Foyer, Level 4

Cintec<sup>™</sup> 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 Pikwàkanagàn 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

## Friday, October 13

7:00am-7:00pm	Joint Conference Registration and Resource Desk Escalator Foyer, Level 4
7:00am–8:30am	<b>APT Materials Restoration Tech. Comm.</b> New Brunswick, Level 4
7:30am–8:15am	<b>Joint Continental Breakfast @ Exhibit Hall</b> Foyers, Level 4
7:30am–5:00pm	<b>Cintec Sponsor Lounge</b> 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	<b>Concurrent Paper Sessions (see page26)</b> Levels 3 and 4
10:00am–10:25am	<b>Break</b> Sponsored by IBIX North America Foyers, Level 4
10:30am–12:15pm	<b>Concurrent Paper Sessions (see page28)</b> Levels 3 and 4
12:15pm–1:30pm	<b>Joint Lunch Buffet @ Exhibit Hall</b> 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





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	<b>Concurrent Paper Sessions (see page30</b> Levels 3 and 4	
4:30pm–5:30pm	<b>APT Training &amp; Education Committee</b> Les Saisons, Level 2	
4:30pm–5:30pm	<b>APT Documentation Technical</b> <b>Committee</b> Saskatchewan, Level 3	
4:30pm-5:30pm	<b>APT Publications Committee</b> New Brunswick, Level 4	
5:00pm–5:45pm	AIA-HRC Cocktail Reception	
Historic Resources Committee	Château Laurier, Adam Corridor Off-site, see map on inside back cover	
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	<b>APT Sustainable Preservation</b> <b>Committee Meeting</b> Quebec, Level 4
7:00am–7:45am	<b>SE6: Chapters Breakfast</b> (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–4:00p	pm	<b>Cintec Sponsor Lounge</b> Ballroom Foyer, Level 4
7:45am–8:30a	am	APT Chapters Committee Provinces I & II
7:45am–8:30a	am	Joint Continental Breakfast @ Demonstration Pavilion Foyers, Level 4
7:45am–3:30p	pm	<b>Demonstration Pavilion</b> Foyers, Level 4
New Event	compa demoi	ent from our Exhibit Hall, network with anies that have a product or service to nstrate and maybe offer you a new solu- your project. See companies on page 20

tion 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 page32) Levels 3 & 4

# Saturday, October 14 (con't)

12:15pm–1:25pm	<b>Lunch Buffet</b> Ballroom Foyer, Level 4
12:15pm–1:25pm	<b>APT Board of Directors Meeting</b> Quebec, Level 4
1:30pm–3:00pm	<b>Concurrent Paper Sessions (see page 34)</b> 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	<b>Break</b> 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 vet, 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 6:00pm - 8:00pm National Trust - Annual General Meeting National Trust Board Meeting & Dinner Confederation 1, Level 4 Sir John A Macdonald Building

6:00pm-10:00pm

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.



# 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 Mcllroy 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



# 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.



# Friday, October 13

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



# 8:30am–10:00am

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



# Friday, October 13

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



# 10:30am–12:15pm

<b>Track 4</b> Policy and Practice	<b>Track 5</b> Canada 150 – Indigenous Heri- tage, Diversity, New Directions	<b>Track 6</b> Integrating Old and New - Build- ings, Districts and Landscapes	<b>Track 7</b> Regeneration – Community, Eco- nomics, and Equitable Places
<b>CS4.2</b> Large Public Projects (Part 2) Deep Dive - Adapting Early 20th Century Train Stations	<b>CS5.6</b> Kichi-Zibi Indigenous Heritage Roundtable (Part 2) Exploring Case Studies	<b>CS6.2</b> Cultural Landscapes	<b>CS7.2</b> Mighty Sites: Viable Historic Places
Confederation III, Level 4 10:30am–12:15pm	Confederation I, Level 4 10:30am–12:15pm	Confederation II, Level 4 10:30am–12:15pm	Ontario, Level 3 10:30am–12:15pm
Session Chair John Waite	Session Chair Lorna Crowshoe	Session Chair Tamara Anson-Cartwright	Session Chair Robert Pajot
Cincinnati Union Terminal, Its Restoration and Rebirthrenewal	Kichi-Zibi Indigenous Heritage Roundtable (Part 2) Exploring Case Studies	R(e)valuating heritage significance: updated tools and procedures for managing cultural landscape change	Sustainable Preservation of America's Historic Post Offices
Presenters Nancy Rankin Clay Palazzo	Hosts Chief Kirby Whiteduck (Algonquins of Pikwàkanagàn First Nation)	Presenter Tania Martin	Presenter Mark Perdiguerra
The Rehabilitation of the Government Conference Centre, Ottawa Presenters	Chief Jean-Guy Whiteduck (Kitigan Zibi Anishinabeg) Presenters: Grand Chief Konrad Sioui Haskan	Rideau Hall – Conservation and Change in a Working National Historic Site Presenter	Breathing New Life in to the Historic Opinicon Lodge Presenter
Martin Davidson Jan Kubanek	Carolyn King Lorna Crowshoe Ian Badgley	Heather Thomson	Fiona McKean
	<b>C\$5.8</b> Kichi-Zibi Indigenous Heritage Roundtable (Part 3) Tour & Discussion	Shannon Estate - an evolved Cultural Landscape	Reinventing the Home of L.M. Montgomery as a Literary Center and Museum
	Off-site 1:00pm - 4:00pm	Presenter Robert Lemon	Presenters Matthew Rowe Kathy Gastle
	This tour and discussion will take place at Kabeshinân Minitig Pavilion (Victoria Island).	The challenges of managing a Cul- tural Landscape: a case study of the Pampulha Modern Ensemble World Heritage in Belo Horizonte, Brazil	Sustaining a Cold War Museum in an Underground Bunker
	Bus transport provided. Space limited. Sign-up sheet for	Presenter Luciana Feres	Presenter Lizz Thrasher
Tour & Discussion available at Kichi-Zibi Roundtable Part 1 & 2.	Improving Sustainability in Cultural Landscapes with Ecosystem Services	Reinventing National Historic Sites in Victoria, Australia	
		Presenter Kathleen Conti	Presenter Martin Green



# Friday, October 13

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



# 3:00pm-4:30pm

<b>T</b> 1 4		<b>T</b> 1 4		
<b>Track 4</b> Policy and Practice	<b>Track 5</b> Canada 150 – Indigenous Heri- tage, Diversity, New Directions	<b>Track 6</b> Integrating Old and New - Build- ings, Districts and Landscapes	<b>Track 7</b> Regeneration – Community, Economics, and Equitable Places	
<b>CS4.3</b> Aligning Requirements & Good Conservation Practice	<b>CS5.3</b> Reconciling Heritage Value: Diversity, Dissonance and Authenticity	<b>CS6.3</b> Planning Tools and Action	<b>CS7.3</b> Spark Session - Regeneration of Historic Places	
Confederation III, Level 4	Confederation II, Level 4	Confederation I, Level 4	Ontario, Level 3	
3:00pm–4:30pm	3:00pm-4:30pm	3:00pm-4:30pm	3:00pm–4:30pm	
Session Chair Sean Fraser	Session Chair Beth Hanna	Session Chair Victoria Angel	Session Chair Hannah Bell	
Restoration Amidst Regulation Presenter Robin Whitehurst	We protect what we value: Re-imagining our evaluation and protection models Presenter Beth Hanna	Evaluating and Re-Articulating Industrial Abandonment in the Historic Urban Landscape of Santiago de Cuba Presenter <b>Crystal Hanley</b>	Low Cost   Big Love: Engaging the Arts in Animating Abandoned Buildings + Building Support for their Re-Use Presenter: <b>Megan Torza</b> Heritage-Led Development at	
Policies, Regulations and Projects for Promoting Large Landscape Conservation	All Land Is Sacred	Quebec City Heritage Vision 2017 - Incentives	the Providence Public Library – A Double-Edged Sword Presenter: <b>Mary Ann Upton</b>	
Presenter Rebecca Sciarra	Presenter Anne Taylor	Presenter <b>Denis Jean</b>	Finding the Profit in Heritage: Exploring the Development Potential of Historic Properties Presenter: <b>Jerry Dick</b>	
The Integration of Heritage Conservation and Flood Mitigation Protection	Group of Seven Heritage Landscapes: Identification, Conservation, Interpretation	The Heritage Energy Retrofit Grant program: Connecting heritage and sustainability goals for homes in Vancouver	Material culture: Square-log cabins in the Village of Mont-Tremblant, Quebec Presenter: <b>Mariana Esponda</b>	
Presenter Nina Jean-Louis	Presenters Gary and Joanie McGuffin	Presenter Judith Mosley	Regeneration of Historic Church Properties Presenter: <b>Barbara Myers</b>	
Regulating Character – A review of the effectiveness of the Ottawa Mature Neighborhoods Bylaw on protecting streetscape character	Social history, erasure and built form: on recognizing the heritage of marginalized neighbourhoods/communities	Integrating Heritage into City Council: Ottawa's Built Heritage Sub-Committee	Rehabilitation in the Coal Branch – The roles of a County in preservation and conservation Presenter: <b>Jenny Seibel</b>	
Presenter David Wise	Presenter John Lorinc	Presenters Tobi Nussbaum Barry Padolsky	Toronto's Fort York - Conservation in a rapidly changing urban context Presenter: <b>Peter Smith</b>	
	Session Sponsor: ONTARIO HERITAGE TRUST FIDUCE DU PATRIMOTARE ONTARIEN	Designing Heritage: How Urban Design Impacts Heritage Conservation Presenter Seamus McGreal	Two Farmsteads and a Trail: Interpretation and Intervention Presenter: <b>Susan Turner</b> Brockville Tunnel Restoration Presenter: <b>David LeSueur</b>	



# Saturday, October 14

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



# 10:45am–12:15pm

<b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions <b>C\$5.4</b>	<b>Track 5</b> Canada 150 – Indigenous Heritage, Diversity, New Directions <b>CS5.7</b>	<b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes <b>CS6.4</b>	<b>Track 6</b> Integrating Old and New - Buildings, Districts and Landscapes <b>CS6.5</b>
Heritage and Social Purpose CAHP Session	Intersections: Natural Building, Traditional Materials, and Heritage Conservation	Spark Session- Evolving and Adapting Places	Heritage, Sustainability, and Climate Change: The Carbon Challenge and the Evolving Discussion
Confederation II, Level 4 10:45am–12:15pm	Confederation I, Level 4 10:45am–12:15pm	Confederation III, Level 4 10:45am–12:15pm	Ontario, Level 3 10:45am–12:15pm
Session Chair Dima Cook	Session Chair Andrew Pamenter	Session Chair Anne Fitzpatrick	Session Chair Nancy Rankin
Vancouver Chinatown Under Threat: Observations on Heritage from a New Generation Presenter <b>Robin Whitehurst</b>	Exploring the Links Between Natural Building, Traditional Materials and Heritage Conservation Presenter <b>Tim Krahn</b>	The Principles of Future-Proofing Presenter: <b>Brian Rich</b> Deconstructing Heritage: Constraint-based Adaptations at New Mexico's First Public School Presenter: <b>Keri Stevenson</b>	Climate Change Mitigation and Adaptation at Parks Canada Historic Sites Presenter David Scarlett
Creating a Culture of Craftsmanship: Studying the Family Boatbuilding Movement Presenter Aleen Stanton	The Journey of Allbäck Paint: Rediscovering Traditional Practices to Ensure Sustain- able Development Presenters Hans and Sonja Allbäck	Strategic Conservation Management of Redundant Government-owned Heritage Assets Presenter: <b>Eleanor Banaag</b> Adapting Buildings – A Regeneration	Calculating Avoided Embodied Carbon in Existing Buildings Presenter Jennifer O'Connor
Creative Approaches to Conserving Social and Community Value Presenters Alex Corey Marybeth McTeague Indigenizing Montreal: Re-Occupying Montreal		Works Approach Presenter: <b>Stephen Collette</b> Dubaiin the Race for Excellence Presenter: <b>Sabeen bin Zayyad</b> Building Alliances to Protect the Central Experimental Farm National Historic Site: We are All in This Together Presenter: <b>Leslie Maitland</b> Kensington Market in Toronto:	Heritage Conservation: Ontario's Step Forward in Addressing Climate Change Presenters William Gerrard Patrick Fancott Re-Aligning Heritage Policy Toward Mitigation: Barriers
Presenters Alain Fournier Philippe Tsaronsere Meilleur Whose Memories are More Im- portant? Interpreting a Provincial Mental Health Institution called 'Woodlands'. Presenter Julie C. Schueck		Conserving an Ever-Changing Cultural Landscape Presenter: <b>Tamara Anson-Cartwright</b> What Are we Going to Do About Barns? The Barn as Family Farm Sym- bol and Conservation Challenge in Southern Saskatchewan Presenter: <b>Kristin Catherwood</b> Building Owner Engagement in a New Residential Heritage District: Lessons Learned from Clemow Estates HCD Phase II in Ottawa Presenter: <b>Johanna Persohn</b>	to Change Presenter Erica Avrami



# Saturday, October 14

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


## 1:30pm-3:00pm

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



#### **#34 Algonquin College** - Christopher Hahn, Dean

613-267-2859 • 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

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

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

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

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; Ibix, 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

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

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

#### 704-940-3603 • www.BEECKMineralPaints.com

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, Lightfast, Non-Peeling Mineral Silicate Masonry and Concrete finishes that will last decades.

#### #19 Boston Valley Terra Cotta - Sarah Carroll

716-649-7490 • 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 Masonry restoration and cleaning products

#### #6-7 Cintec - Robert Lloyd-Rees

#### 613-225-3381 • www.cintec.com

Cintec<sup>TM</sup> 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

The CLIFFORD Group of Companies

We have earned a sterling reputation as leaders and innovators in our areas of specialization – unit masonry, stone supply and installation of all types and complexity, as well as the restoration and preservation of all aspects of our built heritage. Experience, innovation, and professionalism are our guarantee.

### **#16 Colonial Building Restoration** - Kristen Kehoe 416-332-3770 • 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

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

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

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

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

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

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

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

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.geosonicsvibratech.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

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

At Heritage Grade<sup>™</sup> our passion and expertise is heritage buildings. Since 1994 the HG<sup>™</sup> team of artisans, project staff, tradespeople, conservators and technicians have focused on the manufacturing, repair, restoration and maintenance of historic building components. Heritage Grade<sup>™</sup> 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

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

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

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

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

KEIM Mineral Coatings of America, Inc. Our product s, 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

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

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

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

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

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

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 Aqui

#### 758-830-7325 • 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. PROSO-CO 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

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

#### #12 Remmers - Brenda Dauwen

#### + 32-0-14-84-80-80 • 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

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

RJC Engineers delivers solutions in Structural Engineering, Structural Restoration, Building Science, Parking Facility Design and Structural Glass/Façade 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

Robinson Iron is a closely held company which specializes in architectural cast metals. It's 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

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

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

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

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

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 Declet, CS1.2 University of Pennsilvania 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 Skarmeas

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: Oriel Prizeman Mentor: Nan Gutterman

# **GETTY TRAVEL RECIPIENTS**

Thanks to the generous support and ongoing support of the Getty Foundation, numerous preservation professional 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 Masseo 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





# **STUDENT DESIGN BUILD COMPETITION**

Conservation of masonry structures is a multi-billion-dollar industry in North America, with an ever-growing demand for gualified 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) University of Nebraska-Lincoln Team: Michael Gutland; Meghan Potts; Ben Clark; Nathan German; Jessica Larsen Kathryn Chung; Yasmine Arshad; Abhijit Dhanda Advisor: Ted Sherwood Advisor: Ece Erdogmus Mentor: John Cooke Mentor: Jerry Berffren

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

Team: Bora Pulatsu; Colin Miller; Edward McNamara;

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 Edwarsville University of Texas at Austin

vve enc	ourage you to stop by and see what our students are working on, but more important, interact and share your expertise and insight!
<b>Thursday, October</b> 8:30am–4:30pm 6:30pm	12 Newfoundland / Nova Scotia, Level 4 PETC Student Design Build Competition Workshop Student Design Build Competition Teams: Qualifying Submission Presentations
Friday, October 13 7:30am-4:30pm	<b>Newfoundland / Nova Scotia, Level 4</b> 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.
<b>Saturday, October</b> 7:45am 10:15am–12:00pm 12:00pm 3:00pm	14Confederation Foyer, Level 4PETC Design Build Competition – Official Build StartTesting of the arch structuresStudent presentation of archesPresentation of the 2017 Awards and official launch of 2018 Competition

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



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.** 



#### VISITBUFFALONIAGARA.COM







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

#### 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.





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.



# Downtown Ottawa



- 1 Mercury Lounge (Content and Cocktails) 56 Byward Market Sq
- 2 The Albion Rooms (APT Chapters Mixer) 33 Nicholas St.

44

- Saint Brigid's Centre for the Arts (National Trust Awards Ceremony) 310 St Patrick Street
- 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

**(61**)

**The Westin Ottawa** 11 Colonel By Drive (613) 560-7000



Fairmont Château Laurier 1 Rideau Street (613) 241-1414





APT & NATIONAL TRUST FOR CANADA 2017 JOINT CONFERENCE













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# VERTICAL access