We’re Glad You’re Here!

As a Conference attendee you are experiencing APT’s premier annual event for education and networking. We hope you’ll plan your schedule so you can participate annually:

<table>
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<tr>
<th>APT Charleston 2012</th>
<th>APT NYC 2013</th>
</tr>
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<tr>
<td>Francis Marion Hotel</td>
<td>New York Marriott Marquis</td>
</tr>
<tr>
<td>Charleston, South Carolina, USA</td>
<td>New York City</td>
</tr>
</tbody>
</table>

What You Should Know About This Conference

Parallel Conference

The 14th International Conference of National Trusts (ICNT) is also meeting at the Victoria Conference Centre. All APT full Conference registrants (blue stripe on badge) are invited to attend the ICNT paper and keynote sessions at no additional charge. You are also invited to purchase tickets to ICNT field sessions (based on availability). The ICNT registration desk is located on Level Two of the Centre.

Opening Gala

This Wednesday evening event includes the only time you can meet with the exhibitors in their booths. Chat with them and make an appointment for an in-depth conversation later during the Conference.

Also featured will be dinner (check out all the food stations), beverages (locally-brewed beers), demonstrations by crafts-persons and activities for your enjoyment while socializing.

Event Locations

The Victoria Conference Centre is the headquarters for the APT Registration and Information Area and most Conference events. Events located in The Fairmont Empress are listed as “Empress–room name.”

Name Badges

Name badges include a colored stripe to identify your registrant type and the Conference benefits to which you are entitled:

<table>
<thead>
<tr>
<th>Registrant</th>
<th>Stripe Color</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full Conference Registrant</td>
<td>blue</td>
<td>all events from the Opening Gala (Wed evening) through Friday afternoon sessions; some events require you to purchase tickets</td>
</tr>
<tr>
<td>Exhibitor</td>
<td>red</td>
<td>the Opening Gala and Breakfast for Exhibitors</td>
</tr>
<tr>
<td>Guest</td>
<td>yellow</td>
<td>the Opening Gala and morning coffee; may purchase special events and field session tickets</td>
</tr>
<tr>
<td>Symposium or Workshop only</td>
<td>green</td>
<td>the activities offered during the two days of the event</td>
</tr>
<tr>
<td>Single Day only</td>
<td>orange</td>
<td>paper and keynote sessions offered on that day</td>
</tr>
</tbody>
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APT Victoria 2011 Local Conference Committee

Conference Chair
Lorne Simpson, FAPT, Simpson Roberts Architecture

Conference Special Advisors
Alastair Kerr, MA, former BC Heritage Branch
Natalie Bull, FAPT, Heritage Canada Foundation

Program Committee
Chair—Janet Gourlay-Vallance, MAAA, Heritage Conservation Directorate-Public Works and Government Services Canada
Coordinator, Materials and Structure—Myles McDevitt, P.Eng, CCCA, Heritage Conservation Directorate-Public Works and Government Services Canada
Coordinator, Landscapes—Hugh Miller, FAIA, Goucher College
Coordinator, Sustainability—Susan Ross, Heritage Conservation Directorate-Public Works and Government Services Canada
Abstract Reviewers—
Susan Buggey, Landscape and History
Tim Crowe, Wiss, Janney, Elstner Associates, Inc.
Carl Elefante, Quinn Evans Architects
Andrés Gaviria, Universidad Javeriana
Jill Gotthelf, Walter Sedovic Architects
Janet Gourlay-Vallance, Public Works and Government Services Canada
Chris Gray, GBG Inc.

Bill Hockey, Architectural Conservation Services
Lonnie Hovey, Vitetta
Tom Jester, Quinn Evans Architects
Marilyn Kaplan, Preservation Architecture
Rosa Lowinger, Rosa Lowinger & Associates
Myles McDevitt, Heritage Conservation Directorate-Public Works and Government Services Canada
Hugh Miller, Goucher College
Kyle Normandin, Wiss, Janney, Elstner Associates Inc.
Susan Ross, Heritage Conservation Directorate-Public Works and Government Services Canada
Mark Thompson Brandt, MTBA Mark Thompson Brandt Architect & Associates
Diana Waite, Editor, APT Bulletin

Workshops
Chair—John Dam, P.Eng., CAHP, LEED AP
Coordinator, Landscapes—Brenda Weatherston, University of Victoria
Coordinator, Masonry—Keith Blades, M.A., Keith Blades Consulting, Almonte, ON Canada
Coordinator, Timber—Gordon Macdonald, Macdonald & Lawrence Timber Framing Ltd.

Symposium
APT Technical Committee on Sustainable Preservation
Field Sessions
Chair—Steve Barber, City of Victoria
Coordinators—
Kris Andersen, Provincial Capital Commission
Helen Cain, City of Victoria
Catherine Umland, Victoria Civic Heritage Trust
Richard Linzey, UKRA, British Columbia Heritage Branch
Harold Kalman, writer and teacher
Donald Luxton, Donald Luxton & Associates Inc.
Richard Collier, Conservation Consultant
Cheryl Cooper, Arts Consultant, Architectural Historian and Heritage Advocate
APT Technical Committee on Modern Heritage

Special Events
Chair—Pat Buchik, Heritage Conservation Directorate-Public Works and Government Services Canada
Member—Martin Segger, M.Phil., F.R.S.A., University of Victoria

Fundraising
Lorne Simpson, Simpson Roberts Architecture
Eric Pattison, MAIBC, Eric Pattison Architect
Karen Russell, University of British Columbia
Ken Johnson, Simpson Roberts Architecture
Rocco Romero, AIA, Wiss, Janney, Elstner Associates Inc.
Terry Almond, AAA, Heritage Conservation Directorate-Public Works and Government Services Canada
Kyle Normandin, Wiss, Janney, Elstner Associates, Inc.
Joan Berkowitz, SUPERSTRUCTURES ENGINEERS + ARCHITECTS
Nancy McCoy, Quimby McCoy Preservation Architecture, LLP

Student Scholarships and Outreach
Co-Chair—Lesley Gilmore, CTA Architects Engineers
Co-Chair—Pat Buchik, Heritage Conservation Directorate-Public Works and Government Services Canada
Student Abstract Reviewers—
Martin Segger, University of Victoria
Tim Crowe, Wiss, Janney, Elstner Associates, Inc.
Don Friedman, Old Structures Engineering
Steve Kelley, Wiss, Janney, Elstner Associates, Inc.
Lurita McIntosh Blank, Walter P Moore and Associates
Mike Schuller, Atkinson-Noland & Associates
Derek Trelstad, Robert Silman Associates
Robert Young, University of Utah College of Architecture + Planning

The Getty Foundation Travel Support Fund Jurors
Rosa Lowinger, Rosa Lowinger & Associates
Gretchen Pfaehler, Michael Baker, Jr., Inc.
Yolita E. Rausche, Rausche Historic Preservation, LLC
George Jaramillo, Yosemite National Park

APT Conferences Committee
Co-Chair—Gretchen Pfaehler, Michael Baker, Jr., Inc.
Co-Chair—Giovanni Diodati, Fournier Gersovitz Moss Drolet et associés architectes
Going Green
APT has made choices that reduce the environmental impact of this Conference. Please do your part to support APT’s efforts, including returning your name badge holder for future use. Drop it in the box at the APT Registration and Information Area.

In an attempt to reduce paper distributed on site, you will find Conference information available for download at the APT Cyber Café and on line at www.aptconference.org.

APT Student Scholarships Auction
Dessert Auction— at Awards Banquet (page 22)
Live Auction—at Awards Banquet (page 22)

Transportation
We will use a combination of walking, water taxis and charter buses to reach off-site venues. Ambassadors will be available to direct you or accompany groups to each venue. If you are unable to walk, please inform the APT Registration and Information Desk.

Continuing Education Credits
APT is an approved provider for the following professional continuing education credits. Participation (CE) forms are available for each discipline in the APT Registration and Information Area. Each form lists the sessions and the number of units that are approved for CE credit by the sponsoring organization for the workshops, field sessions, keynote sessions and paper sessions.

American Institute of Architects
Learning Units (AIA LUs)
RCEP professional development hours (RCEP PDHs)
Ontario Association of Architects
CORE learning hours (OAA CORE)
American Society of Landscape Architects
(LA CES)

Book Drive for Cuban Preservationists
Drop off your book donations in the bin in the APT Registration and Information Area. Donations that are approved by the Cubans authorities will be donated to the Library of the University College St. Jerome de La Habana.
# Conference Schedule

All events are at the Victoria Conference Centre unless otherwise noted.

<table>
<thead>
<tr>
<th><strong>Monday, October 10</strong></th>
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<tbody>
<tr>
<td>3:00–6:00 pm</td>
<td>APT Registration and Information Desk</td>
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<tr>
<td><strong>Level One Lobby</strong></td>
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<tr>
<th><strong>Tuesday, October 11</strong></th>
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<tbody>
<tr>
<td>7:30 am–8:00 pm</td>
<td>APT Registration and Information Desk</td>
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<tr>
<td><strong>Level One Lobby</strong></td>
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<tr>
<td>8:30 am–4:30 pm</td>
<td><strong>Victoria Sustainability Symposium [SY1]</strong></td>
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</tbody>
</table>
| **Salon C**             | **Ticket**: Required  
|                        | **Format**: Lecture and Panel Discussion  
|                        | **Food**: Continental breakfast and lunch  
|                        | **Dress Code**: Casual  
|                        | **Facilitators**:  
|                        | APT Technical Committee on Sustainable Preservation (TCSP) chaired by Lisa Howe, Goody Clancy, Boston, MA USA  
|                        | Roger Curtis, Msc, FSA, Historic Scotland, Edinburgh, Scotland UK  
|                        | Ralph DiNola, LEED AP BD+C, O+M, Green Building Services, Portland, OR USA  
|                        | John Diodati, Fournier Gersovitz Moss Drolet et associés architectes, Montréal, QC Canada  
|                        | Patrice Frey, National Trust for Historic Preservation | Preservation Green Lab, Chicago, IL USA  
|                        | Susan Roaf, FRSA, Heriot-Watt University, School of the Built Environment, Edinburgh, Scotland UK  
|                        | **With support from Kent Diebolt, of Vertical Access, and his contribution to 1% for the Planet**  
| 5:00–6:00 pm            | APT Conferences Committee Meeting  
| **Level One Lobby**     |  
| Evening                 | On Your Own |

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<tr>
<th><strong>Wednesday, October 12</strong></th>
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<tr>
<td>7:30 am–8:00 pm</td>
<td>APT Registration and Information Desk</td>
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<tr>
<td><strong>Level One Lobby</strong></td>
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</tr>
<tr>
<td>8:00 am–4:00 pm</td>
<td>APT Board of Directors Meeting</td>
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<tr>
<td><strong>Empress—The Library</strong></td>
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</table>
Wednesday, October 12 (continued)

8:30 am–4:30 pm
Salon C  
Victoria Sustainability Symposium, Day 2 [SY1]  
Ticket: Required  
Format: Lecture and Panel Discussion  
Food: Continental breakfast and lunch  
Dress Code: Casual

1:15–5:00 pm
Sidney  
Canada Association of Heritage Professionals (CAHP)  
Annual General Meeting and Keynote Speaker

3:00–4:30 pm
Empress Main Lobby  
John Adams Walking Tour: Victoria History 101  
Ticket: Purchase ticket at door ($13 CAD or USD)  
Format: Guided tour  
Food: None; take your own bottled water  
Dress Code: Casual  
Transportation: Walk  
Veteran Victoria tour guide John Adams will guide you through Victoria’s Chinatown, the oldest in Canada (1858) and until 1902 the biggest. He will explain why the Chinese came to the city and what they did as well as point out the buildings they created that form the Chinatown National Historic Site. Famous locations, such as Fan Tan Alley and the country’s oldest functioning Chinese temple are included.

3:30–5:30 pm
Empress—Balmoral Room  
APT College of Fellows Business Meeting

4:45 pm
Totem Prefunction Area  
Student Scholars and Mentors Gathering

4:45 pm
Outside Saanich Room  
Getty Bursary Recipients Gathering

5:00–10:00 pm
Crystal Garden  
Opening Gala  
Ticket: Required  
Food: Reception and Full Dinner  
Dress Code: Casual  
Debuted to rave reviews in Denver, the Opening Gala will kick off the APT Conference. All evening you can have fun in the Exhibit Hall while networking (APT’s favorite pastime!), viewing hands-on demos, wandering between the marvelous food stations, and seeing what our suppliers have in store for us this year. Surprises await you throughout the evening; you’ll want to stick around.
Wednesday, October 12 (continued)

7:30–10:00 pm
Odd Fellows Hall
CAHP Tour and CAHP|ACECP Heritage Awards Ceremony
Ticket: Required
Food: Dessert
Dress Code: Casual

A tour of Odd Fellows Hall will begin the evening, which will conclude with a dessert reception and the Awards Ceremony that recognizes excellent work and promotes a better understanding and appreciation of Canada’s cultural heritage.

Thursday, October 13

6:30 am–7:30 pm
Level One Lobby
APT Registration and Information Desk

7:00–8:00 am
Empress—Kiplings
Breakfast with Exhibitors
Ticket: Required
Food: Full Breakfast
Dress Code: Casual
Following last night’s Opening Gala, enjoy a relaxed breakfast with an opportunity to visit in small groups with your favorite exhibitors.

8:00–10:15 am
Level One Lobby
Coffee Break

8:45–10:00 am
Lecture Theatre
Opening Session and Keynote Speaker
Ticket: None required
Format: Lecture
Dress Code: Casual
Notes: This session will be simultaneously interpreted English > Spanish
Integrating Sustainability Principles into Mainstream Development
Mark Holland’s consulting work focuses on integrating sustainability principles into the mainstream development industry, with an eye to developing competitive advantage for his clients and their projects. He frequently works closely with development teams to find cost-effective ways of developing in a more sustainable manner, including projects from small infill to large-scale master-planned communities, in both the rural and urban context.

Paper Sessions
All paper sessions will be simultaneously interpreted English <> Spanish.
<table>
<thead>
<tr>
<th>Time</th>
<th>Track</th>
<th>Session Chair</th>
<th>Presentation</th>
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<tbody>
<tr>
<td></td>
<td><strong>Environmental and Structural Stabilization of the Antelope Valley Indian Museum</strong></td>
<td></td>
<td><strong>Seattle Fire Station 17 Sustainable Renovation and Addition:</strong>&lt;br&gt;<strong>Moderne to Modern</strong>&lt;br&gt;Don Brubeck, AIA, LEED AP, Bassetti Architects, Seattle, WA USA</td>
</tr>
<tr>
<td></td>
<td><strong>Report from the Victoria Sustainability Symposium</strong></td>
<td>Lisa Howe, LEED, Goody Clancy, Boston, MA USA</td>
<td><strong>Oak Bay</strong></td>
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<td></td>
<td><strong>Communities Created by Heritage Scotland</strong></td>
<td>Krystyna Pytasz, Addison Conservation + Design, Roslin UK</td>
<td><strong>Cultural Landscapes in Michoacan, Mexico</strong>&lt;br&gt;Claudia Rodriguez, PhD, Universidad Michoacana de San Nicolás de Hidalgo, Morelia, Michoacán Mexico</td>
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<td></td>
<td><strong>Cultural Landscape Characterization: Newfoundland and Labrador</strong></td>
<td>Robert Buckle, BA, MEDes(Planning), ACP, MCIP, Heritage Collaborative Inc., Edmonton, AB Canada and Eryn Buckle B.A. BEd., Heritage Collaborative Inc., Canmore, AB Canada</td>
<td><strong>Conserving Maritime Structures—[CS03]</strong></td>
</tr>
</tbody>
</table>
The Shipwreck Graveyard of Mallows Bay: Exploring the Challenges and Benefits of Preserving Rare Maritime Antiquities
Caitlin Chamberlain, M.F.A. Candidate, Historic Preservation, Savannah College of Art and Design, Savannah, GA USA

What Would Ed and Don Do?: Revitalization of the Eddon Boatyard in Gig Harbor, Washington
Laura Lenss, SHKS Architects, Seattle, WA USA

Navigating History: Investigation, Stabilization and Repair of America’s Historic Canals and Ferry Structures
Edmund Meade, PE, APTNE President of the Board, Robert Silman Associates, New York, NY USA and John Dumsick, PE, Robert Silman Associates, Structural Engineers, Washington, DC USA

10:15 am-Noon

Materials Reacting to Water—[CS04]
Track: Materials
Session Chair: Bill Hockey, BArch, MEDS(conservation), Boutiliers Point, NS Canada

The Weathering of Conservation Mortars, and Implications for Historic Preservation
Kara Dotter, FGS, Queen’s University Belfast, Belfast, Co. Antrim, UK

Retaining Our Heritage: The Art and Science of Historic Boundary Wall Construction, Investigation, Stabilization and Repair
James Shepherd, AIA, and Nicole Ferran, PE, Robert Silman Associates, Washington, DC USA

Learning from Venturi: Brick Curtain Wall Deterioration and Repair
Janet Null, RA, Argus Architecture & Preservation, P.C., Troy, NY USA and Edmund Meade, PE, APTNE President of the Board, Robert Silman Associates, New York, NY USA

Wood and Water

Cast Iron Plate Lighthouses in the United States (1844-1926)

12:30–1:15 pm

Canadian Association of Heritage Professionals (CAHP) Information Session
Learn about CAHP members, its membership levels and benefits of joining the association.
**Thursday, October 13 (continued)**

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<th>Time</th>
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<tr>
<td>12:15–1:00 pm</td>
<td><strong>Lunch and Student Scholar Recognition</strong>&lt;br&gt;&lt;br&gt;<strong>Ticket</strong>: Required&lt;br&gt;<strong>Food</strong>: Full Lunch&lt;br&gt;<strong>Dress Code</strong>: Casual&lt;br&gt;Meet this year’s Student Scholars and welcome them to APT.</td>
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<tr>
<td>1:00–1:30 pm</td>
<td><strong>APT Annual General Meeting</strong>&lt;br&gt;&lt;br&gt;<strong>Ticket</strong>: None required</td>
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**Paper Sessions**

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<th>Time</th>
<th>Event</th>
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<tr>
<td>1:45–3:15 pm</td>
<td><strong>Connecting New Uses to Sustainable Ideas from the Past—[CS05]</strong>&lt;br&gt;&lt;br&gt;<strong>Track</strong>: Sustainability&lt;br&gt;<strong>Session Chair</strong>: Susan Ross, Heritage Conservation Directorate, Gatineau, QC Canada&lt;br&gt;&lt;br&gt;<em>Proyecto de Hostal para la “Casa del Obispo”. Diseño bioclimático y Fuentes de Energia Renovables</em>&lt;br&gt; Danisley Pérez Bravo, Ciudad Habana, Habana Cuba&lt;br&gt;&lt;br&gt;‘Therapeutic Design’ Rediscovered&lt;br&gt;Priya Jain, LEED AP, and Lisa Howe, LEED, Goody Clancy, Boston, MA USA&lt;br&gt;&lt;br&gt;<em>Sustainable Preservation—Repurposing a Historic Building to Fully Integrate Preservation Requirements with Deep Sustainability Goals</em>&lt;br&gt;Cynthia Hughes Doyle, LEED AP, Davis Langdon, Santa Monica, CA USA and Brad Smith, AIA, California Institute of Technology, Pasadena, CA USA</td>
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<tr>
<td>1:45–3:15 pm</td>
<td><strong>People, Techniques and Technology for Preserving Landscape Features—[CS06]</strong>&lt;br&gt;&lt;br&gt;<strong>Track</strong>: Cultural Landscapes and Communities&lt;br&gt;<strong>Session Chair</strong>: Robert Melnick, FASLA, Eugene, OR USA&lt;br&gt;&lt;br&gt;<em>The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape</em>&lt;br&gt;Phyllis Henderson, AAIA, LEED AP, Univeristy of Florida, Gainesville, FL USA&lt;br&gt;&lt;br&gt;<em>Historic Orchard Preservation: Applying Grafting and other Horticultural Techniques to Stabilize Significant Fruit Trees and Maintain Orchard Viability</em>&lt;br&gt;Keith Park, BS, MA, National Park Service, Martinez, CA USA&lt;br&gt;&lt;br&gt;<em>Conservation of the Hollow Tree in Vancouver</em>&lt;br&gt;Harold Kalman, PhD, LL, CAHP, HKICON, Commonwealth Historic Resource Management Limited, Vancouver, BC Canada and Lorne Whitehead, PhD, P.Eng, University of British Columbia, Vancouver, BC Canada</td>
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<tr>
<td>Time</td>
<td>Event</td>
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| 1:45-3:15 pm | An Examination of HABS Culture of Documentation to Develop Strategies on How to Record Cultural Landscapes with Digital Technologies  
Serra Akboy, Texas A&M University, Center for Heritage Conservation, College Station, TX USA | Lecture Theatre |
| 1:45-3:15 pm | Understanding Approaches to Seismic Upgrades— [CS07]  
Track: Buildings, Structures and Vessels  
Session Chair: Sarah Green, Heritage Conservation Directorate, Gatineau, QC Canada  
The Effect of Fiber Reinforced Mortar (FRM) on the Compressive and Flexural Bond Strength of Masonry  
Catherine Armwood, BS, University of Nebraska-Lincoln, Lincoln, NE USA  
Seismic Assessment and Upgrading Strategies for Fisgard Lighthouse Facility at Fort Rodd Hill, Victoria, B.C.  
Patrick Lam, MSc, PEng, StructEng, FIStructE, FEC, CWMM, and Shelly Zhao, MSc, PEng, StructEng, SE, CWMM Consulting Engineers Ltd, Vancouver, BC Canada | Lecture Theatre |
| 1:45-3:15 pm | Seismic Evaluation and Strengthening of an Historic Synagogue Using Traditional and Innovative Methods and Materials  
Terrence Paret and Alan R. Dreyfuss, AIA, Wiss, Janney, Elstner, Associates, Inc., Emeryville, CA USA  
The Challenges of Seismic and Building Envelope Upgrades to a Heritage Hotel  
Mark Lawton, PEng., FEC, Morrison Hershfield Limited, Vancouver, BC Canada | Lecture Theatre |
| 1:45-3:15 pm | Understanding Mortars—[CS08]  
Track: Materials  
Session Chair: Chris Borgal, B. Arch., OAA, MRAIC, CAPHC, Toronto, ON Canada  
Evaluation and Testing of Brick Dust as a Pozzolanic Additive to Mortars and Grouts for Architectural Conservation  
Sara Rogers, University of Pennsylvania, Philadelphia, PA USA  
Sea Salts and Sustainability of Masonry Structures  
Denis Brosnan, PhD, PE, Clemson University, Pendleton, SC USA  
Recycling in 1811: A Case Study of Iron-Laden Mortar Used at Castle Williams, New York Harbor  
Steve Reilly, EYP, Albany, NY USA  
A Comparative Study of Laboratory Mortar Chemical Analysis Methods  
Shan Wo, PE, Atkinson-Noland & Associates, Boulder, CO USA | Saanich |
Thursday, October 13 (continued)

3:30-5:00 pm  
**Saanich**  
**Paper Sessions**

**Guidelines and Codes: Energy, Fire and Existing Building**—[CS09]  
**Track:** Sustainability  
**Session Chair:** Nancy Barba, AIA, NCARB, LEED AP, Portland, ME USA

**Sustainability Assessment of Bridge Systems: An Energy-based Lifecycle Analysis (EM-LCA)**  
Bahareh Reza, PhD candidate, University of British Columbia, Kelowna Canada

**Improving Energy Efficiency in Historic Buildings—How Far Have We Come?**  
Jo Ellen Hensley, LEED Green Associate, National Park Service, Washington, DC USA

**Why Energy Codes Matter: Applicability to Historic and Other Existing Resources**  
Marilyn Kaplan, FAPT, New York State Energy Research and Development Authority, Albany, NY USA

**Sustainability, Disasters and Preservation: Creating Awareness and Understanding Synergies**  
Christopher Marriot, PE, FSFPE, Marrion Fire & Risk Consulting PE, LLC, New York, NY USA

3:30-5:00 pm  
**Esquimalt**  
**Learning from the US Capitol Historic Landscape**—[CS10]  
**Track:** Cultural Landscapes and Communities  
**Panel Moderator:** Lonnie Hovey, AIA, FAPT, Philadelphia, PA USA

**Recognizing Olmsted’s Legacy for a Sustainable Future**  
Panelists: Theodore R. Bechtol, Jr., Superintendent of the Capitol Grounds, Washington, DC USA; Martin Shore, AIA Associate, The Architect of the Capitol, Washington, DC USA; and Patricia M. O’Donnell, FASLA, AICP, Principal, Heritage Landscapes LLC, Charlotte, VT USA

3:30-5:00 pm  
**Lecture Theatre**  
**Lighthouses: Maintaining and Repairing**—[CS11]  
**Track:** Buildings, Structures and Vessels  
**Session Chair:** Dan Worth, AIA, Lincoln, NE USA

**Preliminary Structural Assessment of Hooper Island Lighthouse**  
Alexandra Terpeluk, EIT, University of Texas, Austin, TX, USA

**Sakonnet Light Restoration**  
John Wathne, PE, Structures North Consulting Engineers, Salem, MA USA
### Thursday, October 13 (continued)

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<th>Time</th>
<th>Event</th>
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| 3:30-5:00 pm | **Cast Iron on the Coast: The Rehabilitation of the Pigeon Point Lighthouse**<br>Kitty Vieth, RA, LEED AP, Architectural Resources Group, San Francisco, CA USA  
**The West Point Lighthouse: Continued Sustainability in the Northwest Maritime Environment**<br>Rhoda Lawrence, AIA, BOLA Architecture + Planning, Seattle, WA USA and Tom Tipps, KEIM Mineral Coatings of America, Charlotte, NC USA  
**Conserving Cementitious Materials—[CS12]**<br>**Track:** Materials  
**Session Chair:** Bernard Flaman, SAA, MRAIC, Regina, SK Canada  
**Introduction to Alternative Cements for Repair**<br>Anthony Bentivegna, EIT, and Thano Drimalas, PhD, University of Texas at Austin, Austin, TX USA; and Jason Ideker, PhD, Oregon State University, Corvallis, OR USA  
**Extending the Service Life of Reinforced Concrete Structures Subjected to Alkali-Silica Reaction in British Columbia**<br>Anthony Bentivegna, EIT, The University of Texas at Austin, Austin, TX, USA  
**Diagnóstico de la Casa del Obispo, propuesta de intervención**<br>Joan Pablo Prieto, Oficina del Historiador de la Ciudad, La Habana, La Habana Cuba  
**Investigations in Mortar Coating Systems and Paintings in the Conservation of Historic Façades**<br>Mirian Cruzen Barros de Oliveira, PhD, Technological Research Institute, São Paulo, São Paulo Brazil |
| 5:15–7:00 pm | **APT Student Scholarship and Outreach Committee Social**<br>**Ticket:** None required  
**Format:** Reception  
**Food:** Light hors d’oeuvres  
**Dress Code:** Casual  
All current and past APT Student Scholars, as well as mentors and professors, are invited to network in a quiet setting. Alumni will be invited to share their 3-Minute Success Stories—the story of how an APT Student Scholarship launched them into a successful career through APT. |
| **APT Committee Meetings**<br>APT Technical Committee on Modern Heritage • Saanich 2<br>APT Technical Committee on Preservation Engineering • Lecture Theatre<br>APT Technical Committee on Sustainable Preservation • Saanich 1<br>APT Training and Education Committee • Victoria |
Thursday, October 13 (continued)

7:00–6:15 pm  
APT Development Committee • Esquimalt
APT Publications Committee • Oak Bay 2
APT Chapters Committee • Oak Bay 1

5:15–6:15 pm  
APT NYC 2013 Conference Committee • Sook

6:15–7:00 pm  
APT Charleston 2012 Conference Committee • Sook

7:00–11:00 pm
Chapters Mixer
Ticket: None required
Food: Dutch Treat; purchase your own food and drink
Dress Code: Casual
Transportation: Walk
Directions: Exit hotel and turn right on Government Street. Bard and Banker is about three blocks north on the west side.

You are invited to join APT Chapter members as they gather at the Bard and Banker. Located just up the street from The Fairmont Empress in historic downtown Victoria, the restaurant’s rich history is as intriguing as its adaptive use.

7:00–8:30 pm
Union Club Tour
Ticket: Required
Format: Tour and brief lecture
Food: Light hors d’oeuvres and drink
Dress Code: Casual
Transportation: Walk
Directions: Exit hotel; turn right on Government Street, then right on Humboldt Street, then left on Gordon Street. The Union Club entrance is on the right.

The Union Club of British Columbia has been serving leaders in Victoria since 1879. Martin Segger, member of the APT Victoria 2011 Conference Committee and the Union Club, will provide a tour of this historic structure throughout the reception time that includes cocktails and light hors d’oeuvres.

8:30–11:00 pm
Canadian Conservation, Current Issues and Challenges over Beer
Ticket: None required
Format: Interactive discussion
Food: Snacks and beer
Dress Code: Casual

This informal gathering is open to everyone interested in Canadian Conservation and will provide an opportunity to coordinate, structure and strengthen efforts among all players—owners, practitioners, government policy makers, associations, alliances, etc.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 am–6:00 pm</td>
<td>APT Registration and Information Desk</td>
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<td>Level One Lobby</td>
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<tr>
<td>7:30–8:30 am</td>
<td>Chapters and New Members Breakfast</td>
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<tr>
<td></td>
<td>Ticket: Required</td>
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<td></td>
<td>Format: Brief presentation</td>
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<td></td>
<td>Food: Full Breakfast</td>
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<td></td>
<td>Dress Code: Casual</td>
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<td></td>
<td>All APT Chapter members invite association members who have joined APT</td>
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<tr>
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<td>since last year’s Conference for breakfast. This includes all first-</td>
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<td>time non-member Conference registrants who receive a complimentary</td>
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<td>one-year APT membership with their Conference registrations. As a</td>
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<tr>
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<td>new member you’re encouraged to participate.</td>
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<tr>
<td>7:30–10:45 am</td>
<td>Coffee Break</td>
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<td>Level One Lobby</td>
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<tr>
<td>8:45-10:30 am</td>
<td>Paper Sessions</td>
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<td>Sustaining Communities in their Built Environments—[CS13]</td>
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<td>Track: Sustainability</td>
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<td>Session Chair: Berdine Jonker, MPA, Victoria, BC Canada</td>
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<td>Policy Guidance for the Contextualization of Infill Buildings in</td>
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<td>Historic Urban Environments: A Case Study in the Arabian Gulf</td>
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<td>Roha Khalaf, M.Arch, BAS, University of Montreal, Montréal, Quebec</td>
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<td>Canada</td>
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<td>Energy Efficiency and Sustainability in Traditional Buildings—</td>
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<td>Ongoing Work by Historic Scotland</td>
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<td>Roger Curtis, Msc, FSA, Historic Scotland, Edinburgh, Midlothian UK</td>
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<td>The Sustainable Design of Frank Lloyd Wright’s Pilgrim Congregational</td>
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<td>Church in Redding, California</td>
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<td></td>
<td>Anat Geva, PhD, RA, and Jacob Morris, Texas A&amp;M University, College</td>
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<td>Station, TX USA</td>
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<td></td>
<td>Historic Preservation of a Living Mission</td>
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<td>David Flores Soliz, Architect Bolivia, Masters in Historic Preservation</td>
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<td></td>
<td>Spain, Chatsworth, CA USA</td>
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<tr>
<td></td>
<td>Trinidad, un modelo sostenible para el manejo de su patrimonio</td>
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<td></td>
<td>Nancy Benítez Vázquez, Ciudad de Trinidad y el Valle de los Ingenios,</td>
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<tr>
<td></td>
<td>Trinidad Cuba</td>
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<td>8:45-10:30 am</td>
<td>Cultural Landscape: Scale and Diversity from World Heritage Sites to</td>
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<td>Gardens—[CS14]</td>
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<td></td>
<td>Track: Cultural Landscapes and Communities</td>
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<td></td>
<td>Session Chair: Patricia O’Donnell, FASLA, AICP, IFLA, ICOMOS,</td>
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<td></td>
<td>Charlotte, VT USA</td>
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</tbody>
</table>
Friday, October 14 (continued)

**Historic District and Territory: Momposino Cultural Ecosystem**  
Andres Gaviria, M.Sc.A., Universidad Javeriana, Bogota, D.C. Colombia

**Preserving the Suburbs: the Neighborhood**  
Joey Giaimo, B.Tech, M.Arch, MRAIC, E.R.A. Architects Inc., Toronto, ON Canada

**Cultural Landscape in NW Argentina**  
Josefina del Huerto Chaila, Dra. en Arquitectura, and Mirta Sosa, DPEA, Faculty of Architecture and Urbanism, Universidad Nacional de Tucuman, San Miguel de Tucuman, Tucuman, Argentina

**Nikka Yuko Japanese Garden, Canada**  
Robert Hirano, AAA, MAIBC, MRAIC, BFA, M.Arch, RKH Architecture Ltd., Lethbridge, AB Canada

8:45-10:30 am  
**Lecture Theatre**

**Conserving Coastal Forts and Sites for Exploration—[CS15]**

Track: Buildings, Structures and Vessels  
Session Chair: Richard Lindzey, Victoria, BC Canada

**Preserving North America’s Midcentury Indoor Arenas: Case Studies of the Pacific Northwest**  
Matthew Hayes, Savannah College of Art and Design, Savannah, GA, USA

**Protecting Our Harbors: Investigation, Structural Stabilization, and Repair of America’s Historic Coastal Fortifications**  
John Matteo, PE, FAAR, and John Dumsick, PE, Robert Silman Associates, Washington, DC USA

**Fort Direction, Tasmania, Australia—Defending Cultural Heritage**  
John Hoysted, B Arch and MA(Conservation Studies), Environmental Resources Management Australia Pty Ltd, Spring Hill, Queensland Australia

**Rebuilding the Failing Walls of Fort Jefferson National Monument in Dry Tortugas National Park**  
Craig Bennett, Jr., PE, 4SE, Inc., Charleston, SC USA

**Extreme Solutions for Extreme Circumstances**  
Gordon Macdonald, Macdonald & Lawrence, Cobble Hill, BC Canada

8:45-10:30 am  
**Saanich**

**Approaches for Slowing Deterioration—[CS16]**

Track: Materials  
Session Chair: Sue Ann Pemberton, AIA, San Antonio, TX USA

**The Toxicology of Copper and the Possible Implications for Preservation**  
Amy Swift, LEED-AP BC+C, Columbia University, New York, NY USA
Greening Deterioration: Soft Capping as Preventive Conservation for Ruin Sites
Alex Lim, MS, The Architectural Conservation Laboratory, Philadelphia, PA USA and Frank Matero, Professor of Architecture, The University of Pennsylvania, Philadelphia, PA USA

Material Conservation in Unique Aquatic Environments
Teresa Almond, AAA, Government of Canada, Calgary, AB Canada

The New York Public Library: Protective Masonry Treatments
Tim Allanbrook, AIA, and Kyle Normandin, Wiss, Janney, Elstner Associates Inc., New York, NY USA

A Comparison of Cleaning Methods for Graffiti Removal from Masonry Surfaces
Mary Striegel, PhD, FAIC, National Center for Preservation Technology and Training, Natchitoches, LA USA and Eric Guidry, Northwestern State University of Louisiana, Natchitoches, LA USA

10:45 am-12:15 pm

Life Cycle Assessment Research Results—[CS17]
Track: Sustainability
Panel Moderator: Ralph DiNola, Assoc. AIA, LEED AP BD+C, Portland, OR USA

Quantifying the Value of Building Reuse
Panelists: Patrice Frey, Director, Sustainability Program, National Trust for Historic Preservation; Katie Spataro, LEED AP, Research Director, Cascadia Green Building Council, International Living Building Institute; and Amanda Pike, Life Cycle Analyst, Quantis USA

Managing Environmental Change and Cultural Landscapes—[CS18]
Session Chair: Hugh Miller, FAIA, Goucher College, Baltimore, MD USA

Life Cycle Analysis and Life Cycle Cost Analysis
Danielle Potts, BArch, School of the Art Institute of Chicago, Chicago, IL USA

Climate Change—Rethinking our Strategies
Robert Melnick, FASLA, University of Oregon, Eugene, OR USA

Guns and Roses: Conserving Ecologically and Culturally Significant Military Landscapes
Richard Linzey, BA(Hons), DipArch, AADipCons, CAHP, BC Heritage Branch, Victoria, BC Canada

Adaptive Use: Community Revitalization through Urban Agriculture
Jessica Blemker-Ferree, LEED GA, School of the Art Institute of Chicago, Chicago, IL USA
Portsmouth Village: Revealing a Distant Past
Deborah Slaton, FAPT, Wiss, Janney, Elstner Associates, Inc., Northbrook, IL USA and Liz Sargent, ASLA, LEED AP, Liz Sargent HLA, Charlottesville, VA USA

Approaches to Structural Analysis and Repair—[CS19]
Track: Buildings, Structures and Vessels
Session Chair: Kevin Pickwick, P.Eng AScT LEED-AP, Victoria, BC Canada

Air Coupled Impact Echo Analysis of Historic Brick Masonry
Nicole Trujillo, The Pennsylvania State University, State College, PA USA

Preservation of 19th Century Structural Design Procedures
Thomas Boothby, PhD, PE, RA, Penn State University, University Park, PA USA

The Structural Investigation and Repair of the Breeding Barn at Shelburne Farms
Douglas Porter, University of Vermont, Burlington, VT USA and Ronald Anthony, Wood Scientist, Anthony & Associates, Fort Collins, CO USA

Union Depot: Structural Assessment of Aging Timber Piles on the Banks of the Mississippi River

Post Disaster Salvage, Cleaning and Repair—[CS20]
Track: Materials
Session Chair: Daphne van Ham, Heritage Conservation Directorate, Ottawa, ON Canada

Hurricane Preparedness Strategies for Historic Structures
Justin Henderson, University of Colorado, Denver, CO USA

Hurricane Damage and Conservation Challenges at Vizcaya Museum and Gardens, Miami, Florida
Joseph Sembrat, FAIC, Conservation Solutions, Inc., Santa Fe, NM USA

Crude Oil Contamination of Fort Livingston, Grand Terre Island, Louisiana: Issues and Challenges
Carol Chin, PhD, National Center for Preservation Technology and Training, Natchitoches, LA USA

paper list continued
Conservation in the Time of Cholera: The Stabilization and Removal of the Murals at St. Trinite Cathedral in Port-Au-Prince Haiti

Rosa Lowinger, PA, AIC, FAAR, Rosa Lowinger & Associates, Los Angeles, CA USA and Viviana Dominguez, ArtConservationLA, Los Angeles, CA USA

12:30–5:30 pm

Field Session: St. Ann’s Academy Landscape [FS1]
Ticket: Required
Format: Walking Tour
Food: Lunch
Dress Code: Casual, with good walking shoes
Transportation: Walk

Field Session: Victoria Waterfront: Working Harbour in Transition [FS2]
Ticket: Required
Format: Walking Tour
Food: Lunch
Dress Code: Casual, with good walking shoes
Transportation: Water taxi

Field Session: Heritage Led Urban Revitalization Through Incentives [FS3]
Ticket: Required
Format: Walking Tour
Food: Lunch
Dress Code: Casual, with good walking shoes
Transportation: Charter bus

The APT Cyber Café

The APT Cyber Café is in the APT Registration and Information Area. Computers for public use are loaded with Conference information and support that can be reviewed, emailed, downloaded or printed using the public printer. You will find:
• Program Book as a .pdf
• Handouts
• Participant List/Conference Roster
• APT Student Scholarships Auction List
• Victoria CE Forms
• Victoria City Map

More...check it out!
**Friday, October 14 (continued)**

**1:30–3:30 pm**  
*John Adams Walking Tour: Christ Church Cathedral*  
*Empress Main Lobby*  
*Ticket:* Purchase ticket at door ($13 CAD or USD)  
*Format:* Guided tour  
*Food:* None; take your own bottled water  
*Dress Code:* Casual  
*Transportation:* Walk

Veteran Victoria tour guide John Adams will guide you to Christ Church Cathedral, Vancouver Island’s largest church structure, which has some amazing traditional and contemporary stained glass. You will then continue the leisurely walk into the nearby Rockland residential neighbourhood, the fashionable part of town where wealthy 19th century families built their mansions, including Craigdarroch Castle, the Art Gallery of Greater Victoria and many others in Tudor Revival, Gothic, Queen Anne and Italianate styles. This is an easy walk, but is a little longer in length than the other tours.

**2:00–5:00 pm**  
*APT Latin American Chapter/PROTERRA Poster Session*  
*Saanich*  
*Sostenibilidad, Paisajes Culturales y Comunidades en América Latina: Perspectivas Regionale*  
*Sustainability, Cultural Landscapes and Communities in Latin America: Regional Perspectives*

This poster session will feature work by Latin American preservationists (see page 25). Authors will give brief presentations and answer questions from attendees. The discussions will be simultaneously translated Spanish<>English, and will be enriched by the participation of professionals from all over the world.

**4:00–5:30 pm**  
*John Adams Walking Tour: Chinatown*  
*Empress Main Lobby*  
*Ticket:* Purchase ticket at door ($13 CAD or USD)  
*Format:* Guided tour  
*Food:* None; take your own bottled water  
*Dress Code:* Casual  
*Transportation:* Walk

Veteran Victoria tour guide John Adams will show you why Victoria is the capital of British Columbia and how it changed over time from a First Nations village to a vibrant heritage city. The route will focus on Old Town and the harbourfront, including Bastion Square and Market Square, two heritage revitalization projects of the 1960s and 1970s respectively.
6:00–7:30 pm
Lecture Theatre

**College of Fellows Keynote Lecture and Induction**

**Ticket:** None required  
**Format:** Lecture  
**Dress Code:** Casual  
**Notes:** This session will be simultaneously interpreted English > Spanish  

**The State of Conservation and World Heritage Policies**

Carolina Castellanos is a cultural heritage consultant who specializes in the conservation and management of heritage sites, particularly archaeological and earthen architecture sites. For the past 18 years, she has consulted for diverse international organizations such as The Getty Conservation Institute, ICCROM, ICOMOS and UNESCO’s World Heritage Center on a variety of issues ranging from management planning for heritage sites to policy development for cultural heritage.

Carolina Castellanos will discuss current statutory processes for the assessment of World Heritage properties and examine the challenges faced in the implementation of international policies, with a particular focus on climate change and sustainable development, in the conservation and management of sites.

7:45–9:30 pm
Empress—  
Crystal Ballroom

**APT Awards Banquet and Student Scholarship Auctions**

**Ticket:** Required  
**Food:** Reception and dinner  
**Dress Code:** Dressy  

This year’s Awards Banquet will feature presentations of the annual publication and president’s awards and two auctions to raise funds to cover the cost of hosting this year’s Student Scholars:

**Dessert Auction**

Bring cash to the table…you get to buy your dessert this year! This entertaining event will pit you and your tablemates against the other dinner guests to pay top dollar for the most appealing dessert. Surprises are included.

**Live Auction**

In keeping with tradition, APT will have several enticing items for your bidding pleasure—including an inclusive APT Charleston 2012 Conference package.
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<th>Time</th>
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<th>Ticket</th>
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<tbody>
<tr>
<td>7:30–9:00 am</td>
<td>APT Registration and Information Desk</td>
<td>Outside Oak Bay</td>
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<tr>
<td>7:00–8:00 am</td>
<td>APT Board of Directors Meeting #2</td>
<td>Oak Bay 2</td>
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<tr>
<td>7:30–8:30 am</td>
<td>Continental Breakfast</td>
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<tr>
<td>7:30 am–7:30 pm</td>
<td>Field Session: Vancouver Modern [FS7]</td>
<td>Empress—Main Lobby</td>
<td></td>
<td>Walking Tour</td>
<td>Continental breakfast (pick up boxed meal in hotel lobby before you leave), lunch on the ferry and dinner in Vancouver</td>
<td>Casual, with good walking shoes</td>
<td>Charter bus</td>
</tr>
<tr>
<td>8:30 am–4:30 pm</td>
<td>Workshop: Masonry in a Marine Environment [WS1]</td>
<td>Oak Bay 1</td>
<td></td>
<td>Lecture and in the field</td>
<td>Continental breakfast and lunch</td>
<td>Casual</td>
<td>Water taxi</td>
</tr>
<tr>
<td>8:30 am–4:30 pm</td>
<td>Workshop: Condition Assessment of Structural Timbers [WS2]</td>
<td>Saanich</td>
<td></td>
<td>Lecture and demonstrations</td>
<td>Continental breakfast and lunch</td>
<td>Casual</td>
<td></td>
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<tr>
<td>8:30 am–4:30 pm</td>
<td>Field Session: Military Landscapes—Conserving Conflict [FS4]</td>
<td>Empress—Main Lobby</td>
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<td>Walking Tour</td>
<td>Continental breakfast (pick up boxed meal in hotel lobby before you leave), lunch in the field</td>
<td>Casual, with good walking shoes</td>
<td>Water taxi</td>
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**Directions:**
- Meet at 7:15 am to depart at 7:30 am
- Meet at 8:15 am to depart at 8:30 am
- Meet at 8:15 am to depart at 8:30 am
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**Workshop Coordinators:**
- Workshop Coordinators: Keith Blades, M.A. Keith Blades Consulting, Almonte, ON Canada and John Dam, P.Eng., CAHP, LEED AP
- Workshop Coordinator: Gordon Macdonald, Macdonald & Lawrence Timber Framing Ltd, Vancouver Island, BC, Canada
### Saturday, October 15 (continued)

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<th>Time</th>
<th>Event</th>
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<th>Details</th>
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</table>
| 8:30 am–4:30 pm | Field Session: Cultural Landscape Management at Beacon Hill Park, Ross Bay Cemetery and Pioneer Square [FS5] | Empress—Main Lobby                   | **Ticket:** Required  
**Format:** Walking Tour  
**Food:** Continental breakfast (pick up boxed meal in hotel lobby before you leave) and lunch in the field  
**Dress Code:** Casual, with good walking shoes  
**Transportation:** Charter bus  
**Directions:** Meet at 8:15 am to depart at 8:30 am |
| 4:30–6:00 pm  | Workshop Reception                                                   | Irish Times Pub 1200 Government Street | **Ticket:** Required  
**Format:** Reception  
**Food:** Light hors d’oeuvres and drink  
**Dress Code:** Casual  
**Transportation:** Walk  
**Directions:** Exit hotel and turn right on Government Street. Irish Times Pub is about three blocks north on the west side.  
Workshop attendees and speakers are invited for a drink and nibble before dining on their own in downtown Victoria. |
|               | **Evening**                                                          |                                     |                                                                                                                                  |

### Sunday, October 16

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<th>Time</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>7:30–9:00 am</td>
<td>APT Registration and Information Desk</td>
<td>Outside Oak Bay</td>
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</tr>
<tr>
<td>7:30–8:30 am</td>
<td>Continental Breakfast</td>
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</tbody>
</table>
| 8:30 am–4:30 pm | Workshop: Masonry in a Marine Environment, Day 2 [WS1]              | Oak Bay 1                            | **Ticket:** Required  
**Format:** Lecture and demonstrations  
**Food:** Continental breakfast and lunch  
**Dress Code:** Casual |
| 8:30 am–4:30 pm | Workshop: Condition Assessment of Structural Timbers, Day 2 [WS2]    | Empress—Main Lobby                   | **Ticket:** Required  
**Format:** In the field  
**Food:** Continental breakfast (pick up boxed meal in hotel lobby before you leave) and lunch in the field  
**Dress Code:** Casual  
**Transportation:** Charter bus and walking  
**Bring:** Notebook and camera |

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**Note:** For events on October 15 and 16, remember to check the schedule for any updates or changes.
2011 The Getty Foundation Professional Travel Support Recipients

Thanks to the generous and ongoing support of The Getty Foundation, numerous preservation professionals from Latin America and the Caribbean are able to receive funding for travel to attend APT’s Annual Conference. Following is a list of this year’s recipients.

Alberto José Herrera Diaz
Cartagena, Colombia

Andrés Gaviria Valenzuela
Universidad Javeriana
Bogotá, Colombia

Barbara Cortizo de Aguiar
Centro de Estudos Avançados da Conservação Integrada
CECI Faculdade de Ciências Humanas
Recife, Brazil

Barbara Castellanos
Cultural Heritage Consultant
Atlatlahucan, Mexico

Claudia Rodríguez Espinosa
Universidad Michoacana de San Nicolás de Hidalgo
Morelia, México

Danisley Pérez Bravo
IPROYAZ
La Habana, Cuba

Fabiola Margoth Zambrano Figueroa
Instituto de Pesquisas Tecnologicas do Estado de Sao Paulo
Sao Paulo, Brazil

Gilberto De Ranieri Cavani
Instituto de Pesquisas Tecnologicas do Estado de Sao Paulo
Sao Paulo, Brazil

Joan Pablo Prieto Rodríguez
Oficina del Historiador de la Ciudad.
La Habana, Cuba

Josefina del Huerto Chaila
Facultad de Arquitectura y Urbanismo
-Universidad Nacional de Tucumán
San Miguel de Tucumán, Argentina

Marco António Penido de Rezende
Universidade Federal de Minas Gerais
Belo Horizonte, Brazil

Mauricia Domínguez
ICOMOS Dominicano
Santo Domingo, República Dominicana

Mirian Cruxen Barros de Oliveira
Instituto de Pesquisas Tecnologicas do Estado de Sao Paulo
Sao Paulo, Brazil

Mirta Eufemia Sosa
Centro Regional de Investigaciones de Arquitectura de Tierra de Tucman, Facultad de Arquitectura Y Urbanismo, Universidad Nacional de Tucuman
San Miguel de Tucuman, Argentina

Mónica Elena Silva Contreras
Universidad Iberoamericana
México City, Mexico

Nancy Dionisia Benítez Vázquez
Oficina del Conservador de la Ciudad de Trinidad
Trinidad, Cuba

Ramón Aguirre Morales
Arcilla y arquitectura S.C.
La Soledad Etla
Oaxaca, México

Teresa Raulina Capellán Saad
Constructora Armenteros S.R.L /
Universidad Católica de Santo Domingo
Santo Domingo, República Dominicana

William Francisco Pasuy Arciniegas
Universidad de la Salle
Bogotá, Colombia

Zenón Barros Céspedes
Universidad Santo Tomas
Viña del Mar, Chile
Student Scholarship Recipients

The APT Scholarship and Outreach Committee selected the following students to receive an APT Victoria 2011 Scholarship, which includes a Conference registration, a complimentary one-year APT membership, the opportunity to give an oral presentation during one of the Conference paper sessions, and introduction to a mentor from the APT College of Fellows. We encourage all of you to welcome them to APT.

Student Scholarship Recipients

Catherine Armwood
The Effect of Fiber Reinforced Mortar (FRM) on the Compressive and Flexural Bond Strength of Masonry
University of Nebraska-Lincoln, Omaha, NE USA
Faculty Advisor—Ece Erdogmus, PhD
APT College of Fellows Mentor—Robert Young, FAPT

Anthony Bentivegna
Extending the Service Life of Reinforced Concrete Structures Subjected to Alkali-Silica Reaction in British Columbia
The University of Texas at Austin, Austin, TX USA
Faculty Advisor—Kevin Folliard
APT College of Fellows Mentor—Steve Kelley, AIA, SE, FAPT

Jessica Blemker-Ferree
Adaptive Reuse: Community Revitalization through Urban Agriculture
School of the Art Institute of Chicago, Chicago, IL USA
Faculty Advisor—Anne Sullivan, AIA, APT President
APT College of Fellows Mentor—Hugh Miller, FAIA, FAPT

Caitlin Chamberlain
The Shipwreck Graveyard of Mallows Bay: Exploring the Challenges and Benefits of Preserving Rare Maritime Antiquities
Savannah College of Art and Design, Savannah, GA USA
Faculty Advisor and APT College of Fellows Mentor—Tom Taylor, Jr., PhD, FAPT, FAIC

Kara Dotter
The Weathering of Conservation Mortars, and Implications for Historic Preservation
Queen’s University Belfast, Belfast, Co. Antrim, Belfast, UK
Faculty Advisor—Bernard Smith, PhD
APT College of Fellows Mentor—Lonnie Hovey, FAPT

Matthew Hayes
Preserving North America’s Midcentury Indoor Arenas: Case Studies of the Pacific Northwest
Savannah College of Art and Design, Savannah, GA USA
Faculty Advisor—Justin Gunther
APT College of Fellows Mentor—Mike Tomlan, FAPT

Martin Weaver Student Scholar 2011
Roha Khalaf
Policy Guidance for the Contextualization of Infill Buildings in Historic Urban Environments: A Case Study in the Arabian Gulf
University of Montréal, Montréal, Québec Canada
Faculty Advisor—Christina Cameron, Canada Research Chair on Built Heritage, University of Montréal, Montreal, Quebec, Canada
APT College of Fellows Mentor—Caroline Alderson, FAPT
Justin Henderson
Hurricane Preparedness Strategies for Historic Structures
University of Colorado, Denver, CO USA
Faculty Advisor—Chris Kozial
APT College of Fellows Mentor—David Hart, AIA, FAPT

Phyllis Henderson
The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape
University of Florida, Gainesville, FL USA
Faculty Advisor—Hui Zou, PhD
APT College of Fellows Mentor—Fran Gale, FAPT

Danielle Potts
Life Cycle Analysis and Life Cycle Cost Analysis
School of the Art Institute of Chicago, Chicago, IL USA
Faculty Advisor—Anne Sullivan, AIA, APT President
APT College of Fellows Mentor—Marilyn Kaplan, FAPT

Bahareh Reza
Sustainability Assessment of Bridge Systems: An Energy-based Lifecycle Analysis (EM-LCA)
University of British Columbia, Kelowna, BC Canada
Faculty Advisor—Rehan Sadiq
APT College of Fellows Mentor—Ron Staley, FAPT

Sara Rogers
Evaluation and Testing of Brick Dust as a Pozzolanic Additive to Mortars and Grouts for Architectural Conservation
University of Pennsylvania, Philadelphia, PA USA
Faculty Advisor—Frank Matero
APT College of Fellows Mentor—Sharon Park, FAIA, FAPT

Amy Swift
The Toxicology of Copper and the Possible Implications for Preservation
Columbia University, New York, NY USA
Faculty Advisor—Theo Prudon, PhD, FAIA
APT College of Fellows Mentor—Ilene Tyler, FAIA, FAPT

Alexandra Terpeluk
Preliminary Structural Assessment of Hooper Island Lighthouse
The University of Texas at Austin, Austin, TX USA
Faculty Advisor—Fran Gale, FAPT
APT College of Fellows Mentor—David Wessel, AIC, FAPT

Nicole Trujillo
Air Coupled Impact Echo Analysis of Historic Brick Masonry
The Pennsylvania State University, State College, PA USA
Faculty Advisor—Thomas Boothby, PhD, PE, RA
APT College of Fellows Mentor—Michael Lynch, PE, RA, FAPT

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<td>Kaese &amp; Lynch Architecture and Engineering</td>
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<td>Gretchen Pfahler</td>
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<td>Page &amp; Turnbull, Inc.</td>
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www.aperam.com
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Carole.lecomte@aperam.com
A Stainless steel producer for building applications (roofing, façade).

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Booth #29

Association for Preservation Technology International
Booth #31
Nathela Chatara
217-529-9039
nchatara@associationcentral.org
A cross-disciplinary, membership organization dedicated to promoting the best technology for conserving historic structures and their settings.

Boston Valley Terra Cotta Company
Booth #21
www.bostonvalley.com
Patricia Aubrecht
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tricia@bostonvalley.com
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Ronald Staley
703-740-5645
Ronald.Stanley@christmanco.com
A construction manager, general contractor, large scale preservation project manager.

Gladding, McBean
Booth #13
www.paccoast.com
Jim Anderson
510-750-2254
Jim.Anderson@paccoast.com
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Chris Weibe
613-237-1066
cweibe@heritagecanada.org
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http://www.uvcs.uvic.ca/cultural
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Lecture Theatre

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Meeting: Canadian Conservation, Current Issues and Challenges over Beer
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15  Washington, DC  www.aptdc.org
16  Western  www.wcapt.org
17  Western Great Lakes  www.aptwgic.webs.com

Including New Zealand, Asia, and the Pacific
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<tr>
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<td><strong>S—SUSTAINABILITY</strong>&lt;br&gt;SAANICH</td>
<td>CS01— Sustainable Conservation: Symposium Report and Building Case Studies</td>
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<th><strong>C—CULTURAL LANDSCAPES AND COMMUNITIES</strong></th>
<th><strong>B—BUILDINGS AND STRUCTURES</strong></th>
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<tr>
<td><strong>OAK BAY</strong></td>
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<tr>
<td>CS05— Connecting New Uses to Sustainable Ideas from the Past</td>
<td>CS06— People, Techniques and Technology for Preserving Landscape Features</td>
<td>CS07— Understanding Approaches to Seismic Upgrades</td>
<td>CS08— Understanding Mortars</td>
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<td>Proyecto de Hostal para la “Casa del Obispo” Diseño bioclimático y Fuentes de Energía Renovables</td>
<td>The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape</td>
<td>The Effect of Fiber Reinforced Mortar (FRM) on the Compressive and Flexural Bond Strength of Masonry</td>
<td>Evaluation and Testing of Brick Dust as a Pozzolanic Additive to Mortars and Grouts for Architectural Conservation</td>
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<tr>
<td>“Therapeutic Design” Rediscovered</td>
<td>Historic Orchard Preservation</td>
<td>Seismic Assessment and Upgrading Strategies for Fisgard Lighthouse Facility at Fort Rodd Hill, Victoria, BC</td>
<td>Sea Salts and Sustainability of Masonry Structures</td>
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### 3:30-5:00 pm, Thursday, October 13

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<td>CS09— Guidelines and Codes: Energy, Fire and Existing Building</td>
<td>CS10—Learning from the US Capitol Historic Landscape—Panel Discussion</td>
<td>CS11— Lighthouses: Maintaining and Repairing</td>
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<td>Sustainability Assessment of Bridge Systems: An Energy-based Lifecycle Analysis (EM-LCA)</td>
<td>Recognizing Olmsted’s Legacy for Sustainability</td>
<td>Preliminary Structural Assessment of Hooper Island Lighthouse</td>
<td>Extending the Service Life of Reinforced Concrete Structures Subjected to Alkali-Silica Reaction in British Columbia</td>
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<td>Improving Energy Efficiency in Historic Buildings: How Far Have We Come?</td>
<td>Sakonnet Light Restoration</td>
<td>Diagnóstico de la Casa del Obispo, Propuesta de intervención</td>
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<td>OAK BAY</td>
<td>Cast Iron on the Coast: The Rehabilitation of the Pigeon Point Lighthouse</td>
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<td><strong>C—CULTURAL LANDSCAPES AND COMMUNITIES</strong></td>
<td>ESQUIMALT</td>
<td>The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape</td>
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<td>Historic Orchard Preservation</td>
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<td><strong>M—MATERIALS</strong></td>
<td>SAANICH</td>
<td>Conservation of the Hollow Tree in Vancouver</td>
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<td><strong>S—SUSTAINABILITY</strong></td>
<td>OAK BAY</td>
<td>Sustainability, Disasters and Preservation: Creating Awareness and Understanding Synergies</td>
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<td><strong>C—CULTURAL LANDSCAPES AND COMMUNITIES</strong></td>
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<td>The Ancient Roman Belvedere: Distant Views of the Intangible Cultural Landscape</td>
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<td><strong>B—BUILDINGS AND STRUCTURES</strong></td>
<td>LECTURE THEATRE</td>
<td>Preservation of a Living Mission Trinidad, un modelo sostenible para el manejo de su patrimonio</td>
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<td><strong>M—MATERIALS</strong></td>
<td>SAANICH</td>
<td>The Toxicology of Copper and the Possible Implications for Preservation</td>
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**Policy Guidance for the Contextualization of Infill Buildings in Historic Urban Environments: A Case Study in the Arabian Gulf**

**Historic District and Territory: Momposino Cultural Ecosystem**

**Preserving North America’s Midcentury Indoor Arenas: Case Studies of the Pacific Northwest**

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**Material Conservation in Unique Aquatic Environments**

**Historic Preservation of a Living Mission Trinidad, un modelo sostenible para el manejo de su patrimonio**

**Nikka Yuko Japanese Garden, Canada**

**Rebuilding the Falling Walls of Fort Jefferson National Monument in Dry Tortugas National Park**

**The New York Public Library: Protective Masonry Treatments**

**Extreme Solutions for Extreme Circumstances**

**A Comparison of Cleaning Methods for Graffiti Removal from Masonry Surfaces**
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<td>CS17—Life Cycle Assessment Research Results—PANEL DISCUSSION</td>
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<td>Quantifying the Value of Building Reuse</td>
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<td>CS18—Managing Environmental Change and Cultural Landscapes</td>
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<td>Hurricane Preparedness Strategies for Historic Structures</td>
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<td>Preservation of 19th Century Structural Design Procedures</td>
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<td>2:00-5:00 pm</td>
<td>Latin American Poster Session</td>
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<td>RT01—Sostenibilidad, Paisajes Culturales y Comunidades en América Latina: Perspectivas Regionales</td>
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<td>Conservation in the Time of Cholera: The Stabilization and Removal of the Murals at St. Trinite Cathedral in Port-Au-Prince Haiti</td>
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**S—SUSTAINABILITY**

**C—CULTURAL LANDSCAPES AND COMMUNITIES**

**B—BUILDINGS AND STRUCTURES**

**M—MATERIALS**

**ESQUIMALT**

**LECTURE THEATRE**

**OAK BAY**

**SAANICH**

**OSTENIBILIDAD, PAISAJES CULTURALES Y COMUNIDADES EN AMÉRICA LATINA: PERSPECTIVAS REGIONALES**

*(Sustainability, Cultural Landscapes and Communities in Latin America: Regional Perspectives)*
# Agenda at a Glance

**Session Track Key:**
- **S**—Sustainability Track
- **C**—Cultural Landscapes and Communities Track
- **B**—Buildings and Structures Track
- **M**—Materials Track

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<td>7:30a–8:00p APT Registration and Information Desk</td>
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<td>8:30–4:30 Victoria Sustainability Symposium (Salon C)</td>
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<td>8:00–4:00 APT Board of Directors Meeting (Empress—The Library)</td>
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<tr>
<td>8:30–4:30 Victoria Sustainability Symposium (Salon C)</td>
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<tr>
<td>1:15–5:00 CAHP Annual General Meeting and Keynote Speaker (Sidney)</td>
</tr>
<tr>
<td>3:00–4:30 John Adams Walking Tour: Victoria History 101 (Empress—Main Lobby)</td>
</tr>
<tr>
<td>3:30–5:30 APT College of Fellows Business Meeting (Empress—Balmoral Room)</td>
</tr>
<tr>
<td>4:45 Student Scholars and Mentors Gathering (Totem Prefunction Area)</td>
</tr>
<tr>
<td>5:00–10:00 Opening Gala in Exhibit Hall (Crystal Garden)</td>
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<tr>
<td>7:30–10:00 CAHP Tour and Heritage Awards Ceremony (Odd Fellows Hall)</td>
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<table>
<thead>
<tr>
<th><strong>Thursday, October 13</strong></th>
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<tbody>
<tr>
<td>6:30a–7:30p APT Registration and Information Desk</td>
</tr>
<tr>
<td>7:00–8:00 Breakfast with Exhibitors (Empress—Kiplings)</td>
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<tr>
<td>8:45–10:00 Opening Session and Keynote Speaker (Lecture Theatre)</td>
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<thead>
<tr>
<th>10:15–Noon Paper Sessions</th>
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<tbody>
<tr>
<td>Saanich</td>
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<tr>
<td><strong>S</strong> Sustainable Conservation: Symposium Report and Building Case Studies (CSO1)</td>
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<th>10:15–Noon Paper Sessions</th>
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<tbody>
<tr>
<td>Oak Bay</td>
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<tr>
<td><strong>C</strong> Cultural Landscape as Community Heritage (CSO2)</td>
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<th>10:15–Noon Paper Sessions</th>
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<tbody>
<tr>
<td>Lecture Theatre</td>
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<tr>
<td><strong>B</strong> Conserving Maritime Structures (CSO3)</td>
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<td>Esquimalt</td>
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<tr>
<td><strong>M</strong> Materials Reacting to Water (CSO4)</td>
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**Saturday, October 15**

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<th>Time</th>
<th>Activity</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>7:30a–9:00a</td>
<td>APT Registration and Information Desk (outside Oak Bay)</td>
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<tr>
<td>7:00–8:00</td>
<td>APT Board of Directors Meeting #2 (Oak Bay 2)</td>
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<tr>
<td>7:30a–7:30p</td>
<td>Field Session: Vancouver Modern (FS7) (Empress–Main Lobby)</td>
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<td></td>
<td>Meet at 7:15</td>
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<tr>
<td>8:30–4:30</td>
<td>Workshops, Day 1</td>
<td>Masonry in a Marine Environment (WS1)</td>
<td>Structural Timbers (WS2)</td>
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<td>(Oak Bay 1)</td>
<td>(Saanich)</td>
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<tr>
<td>8:30–4:30</td>
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<td>Military Landscapes (FS4)</td>
<td>Cultural Landscape Management (FS5)</td>
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<td>(Empress–Main Lobby)</td>
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<td>4:30–6:00</td>
<td>Workshop Reception (Irish Times Pub)</td>
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**Sunday, October 16**

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<thead>
<tr>
<th>Time</th>
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</thead>
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<td>Workshops, Day 2</td>
<td>Masonry in a Marine Environment (WS1)</td>
<td>Structural Timbers (WS2)</td>
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<td>(Saanich)</td>
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**APT Board of Directors Meeting #2**

**APT Awards Banquet and Auctions**
It is clear that collaboration is the driving force within preservation practice. At APT Charleston 2012, the Association for Preservation Technology International (APT) and Preservation Trades Network (PTN) are reuniting to explore the collaboration that is crucial to preserving our built environment. The program committees seek abstracts featuring projects that bring together divergent professionals from the preservation technologies and the preservation trades communities. Those that show a collaborative approach to preservation practice will be given priority.

APT and PTN is seeking abstracts for their 2012 Annual Conferences. Abstracts may be submitted online December 1, 2011—February 10, 2012.

The Call for Abstracts can be picked up in the APT Registration and Information Area and online at www.apti.org. The electronic submission form is online at www.apti.org.