

# Preservation Engineering Technical Committee



APT Board Meeting, Seattle Conference

Date: October 9, 2023

## PROGRESS ON STRATEGIC PLAN GOALS

- PETC had a productive year, with many recurring events and new activities.
- See table at the end of this report for details on each strategy and corresponding goals.

## SUMMARY OF ACCOMPLISHMENTS

- **PETC Webinars:**
  - The Masonry Arch Analysis webinar for the Student Competition teams was held virtually on May 9, 2023. PETC thanks members Jonathan Dee and Natalie Smith for presenting informative technical content to the student teams.
  - 2022 Fischetti Winner Presentation by Holly Boyer (*Lessons from the Mid-19th Century Wood-Framed Steeples of John McArthur, Jr.*) was held virtually on August 22, 2023. About 100 people attended. PETC thanks Amy Woods for coordinating this webinar!
- **David Fischetti Award:** PETC received seven qualified submissions for this year's Fischetti Award. The jury selected the winner in July, and we will announce the winner at the Awards Gala in Seattle. PETC thanks this year's jurors: Rick Ortega, John Matteo, Stephen Kelly, Sarah Van Domelen, Jenna Bressler, John Cooke, as well as jury leader Tim Crowe.
- **Disaster Response Initiative (DRI):**
  - DRI organized a panel discussion joint session at the AIC Meeting in May 2023 with representatives from both APT and AIC, and DRI also presented on a webinar with the C2C Care May Day initiative.
  - DRI collaborated with the National Heritage Responders and Penn State University on assessments at the Hindman School in Kentucky post-flooding.
  - DRI is organizing Workshop # 3 at the Seattle conference (see below).
  - DRI is currently liaising with FEMA and HENTF concerning engineering assistance and a database of potential preservation practitioners for wildfire-impacted heritage structures in Maui. We continued to keep members informed of training and certification opportunities throughout the year.

## ISSUES/CONCERNS

- In an effort to provide technical content and learning opportunities for emerging professionals and students, PETC planned to offer four webinars a year. However, it took a lot of coordinating and back and forth with Redstone to make a webinar possible. The amount of effort by volunteers seemed excessive and a lot of the marketing milestones were not met by Redstone. PETC feels we could have even had more attendees if marketing milestones were met, especially those close to the date. We want to continue to offer these webinars to our members, but there needs to be a good process by the association management company (or webinar lead) to make this work and lessen the effort expended by committee volunteers.

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## ACTIONS REQUESTED

- PETC does not have specific motions for board consideration.
- PETC requests that APT Executive continue to help PETC work with the association management company (and/or the new lead individuals) so that we can provide future webinars in an effective manner.

## 2023 SEATTLE CONFERENCE ACTIVITIES

- **Student Design-Build Competition:** Four schools are competing in the finals of the Masonry Arch Competition in Seattle: Columbia University, Carleton University, The School of the Art Institute of Chicago, and McGill University. On Wednesday October 11, 2023, PETC members are providing the student teams with a masonry-focused workshop that includes in-class lectures and a walking tour. We encourage Board members to attend the Masonry Arch build event at the conference Exhibit Hall on Thursday October 12, 2023 at 10:30am PT, the arch loading event on Thursday October 12, 2023 at 3:30pm PT, and the student teams presentations on Friday October 13, 2023 at 3:00pm PT.
- **Workshop:** DRI is hosting *WS3: Preserving History Through Natural Disasters* at the conference on October 9-10, 2023. The goal of the workshop is to highlight preservation professionals' role in disaster management using the lens of the Disaster Management Cycle facing many communities and historic sites. The workshop sessions will follow the typical flow of the cycle, focusing sequentially on disasters and response; recovery; preparedness; mitigation and resilience. This workshop will engage experts focused on emergency response to share their experiences, lessons learned, and hopes for the future. The workshop format will include presentations, table-top discussions, and a walking tour.
- **PETC's General Committee Meeting:** We will meet on Wednesday October 11, 2023 at 12:00pm PT at the Redwood Room. All APT members are welcome to attend!

## FUTURE PLANNED ACTIVITIES

- **Webinars in 2024**
  - Joint webinar with ISCARSAH to present case studies on the ICOMOS Principles for the Analysis, Conservation and Structural Restoration of Architectural Heritage. Timing is being discussed between PETC and ISCARSAH.
  - 2023 Fischetti Award Winner's Presentation.
  - Other topics, TBD.
- **Fischetti Video:** PETC has been developing content for a video to commemorate the life and work of David Fischetti. The purpose is to provide context and promote the annual Fischetti Award. Video interviews with David's colleagues have been completed, and PETC will work with a video editor to compile an extended version of the video, as well as short clips for use on social media. PETC requested funds for the video editor in

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our 2023 budget' since this budget was not approved, we will defer this initiative to 2024.

- **Mentorship Program:** We are working to develop an event for the 2024 conference for all emerging professionals for multiple committees/organizations. We will plan to have some online events leading up to the conference to have emerging professionals in preservation engineering share project questions and concerns in virtual breakout sessions. We would like to have at least 2 events leading up to the 2024 conference.

## ONGOING DISCUSSIONS

- Nothing further to add.

*PETC's strategic goals follow on next page.*

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## PROGRESS ON STRATEGIC PLAN GOALS

Updated September 2023 – new items since April 2023 are in **red font**.

<b>Priority One – Prioritize Technical Content</b>			
<b>Goal</b>	<b>Action Item</b>	<b>Success Factor</b>	<b>September 2023 Evaluation</b>
<b><i>Goal 1.I - Attract Develop and Promote Technical Content</i></b>			
Bring solid technical engineering content to APT	Develop technical workshops for Conferences	Program developed and offered	<ul style="list-style-type: none"> <li>PETC/IMI Guastavino workshop held at Detroit Conference</li> <li>DRI planning workshop for Seattle Conference</li> </ul>
Bring solid technical engineering content to APT	Award a David Fischetti article with excellent engineering content	PETC members submit articles and award is given	<ul style="list-style-type: none"> <li>2022 award winner selected and announced in Detroit</li> <li><b>2023 award winner selected and announced in Seattle</b></li> </ul>
Bring solid technical engineering content to APT	Organize a technical engineering track at Conference	Program developed and offered	<ul style="list-style-type: none"> <li>Deferred – not planned for Seattle; to be considered for Montreal</li> </ul>
<b><i>Goal 1.III – Focus Conference Events on Technical Content</i></b>			
Bring solid technical engineering content to APT	Organize a technical engineering track at Conference	Program developed and offered	<ul style="list-style-type: none"> <li>Deferred – not planned for Seattle; to be considered for Montreal</li> </ul>
<b>Priority Two – Improve Organizational Effectiveness</b>			
<b>Goal</b>	<b>Action Item</b>	<b>Success Factor</b>	<b>September 2023 Evaluation</b>
<b><i>Goal 2.I - Optimize volunteer time to allow greater prioritization of technical content development and delivery</i></b>			
Engage with PETC members more effectively	Use Google Suite set up by APT to organize PETC files and member lists; use Google Meet for committee meetings, and Google Chat or Groups for informal engagement with members	Successful use of Google Suite	<ul style="list-style-type: none"> <li>Google Drive, Gmail and Google Meet are working well for PETC</li> </ul>
<b><i>Goal 2.II – Improve oversight, accountability, communication, coordination, and eliminate redundancies within all levels of APT by leveraging management best practices</i></b>			
Effectively organize PETC’s Budget and Action items	Submit a more thoughtful and organized budget and meet with APT Exec so that PETC is treated better as we organize so many events throughout the year	Success if our efforts are more respected next year and things are handled smoothly	<ul style="list-style-type: none"> <li><b>2024 budget in progress</b></li> <li><b>Approach for sponsoring Student Competition to be established and started earlier in 2024</b></li> </ul>

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Priority Three – Widen APT's Reach			
Goal	Action Item	Success Factor	September 2023 Evaluation
<b>Goal 3.I – Increase and Enhance Membership</b>			
Get more young professionals involved with APT	Mentorship program: offer 3 virtual events throughout the year	Completion of events	<ul style="list-style-type: none"> <li>• 1 event held in 2022</li> <li>• Discussed needs/wants during PETC meeting in Detroit</li> <li>• Plan for 1-2 events in 2023; <i>Events not hosted in 2023 – for consideration in 2024 possibly with other committees or initiatives</i></li> </ul>
Outreach to PETC members	Develop and send out PETC eNews 3 times per year. Content includes training opportunities, info about PETC and DRI meetings, info about conference activities	Eblasts issued	<ul style="list-style-type: none"> <li>• Issued multiple eblast in 2023 regarding learning opportunities, webinars, DRI initiatives, etc.</li> </ul>
Get more students involved with APT	Organize the PETC Student Design-Build Competition at Annual Conference	Annual Competition at Annual Conference	<ul style="list-style-type: none"> <li>• 2022 Timber Bridge in Detroit</li> <li>• <i>2023 Masonry Arch in Seattle</i></li> </ul>
Engage PETC members with hazard response certifications to respond to regions affected	Develop relationships with FEMA and NCSEA	Relationship developed	<ul style="list-style-type: none"> <li>• <i>Consulting with FEMA on providing support in Maui</i></li> <li>• <i>HENTF participation in DRI workshop</i></li> <li>• <i>Look to NCSEA connection in 2024</i></li> </ul>
Engage PETC members with NCSEA hazard response certifications to respond to regions effected	Grow our certified members by notifying members of NCSEA programs and opportunities.	Successful assistance in regions needing help	<ul style="list-style-type: none"> <li>• <i>Broadcast multiple training opportunities to membership</i></li> </ul>
<b>Goal 3.II – Improve Visibility</b>			
Publicize and promote APT Awards, especially Fischetti Award			<ul style="list-style-type: none"> <li>• PETC had several social media posts in 2022.</li> <li>• Social media posts in March 2023 for Fischetti and in Summer 2023 the Timber Frame webinar</li> <li>• Issued information about Fischetti Award to several allied organizations for distribution to their membership</li> </ul>

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Priority Three – Widen APT's Reach			
Goal	Action Item	Success Factor	September 2023 Evaluation
Outreach with allied engineering organizations	Cross-promote and/or collaborate with ISCARSAH, Disaster Response Alliance (DRA), and possibly other organizations. Keep APT Partners & Outreach Comm informed. Organize a partnered event every other year.	Partner event offered	<ul style="list-style-type: none"> <li>• ICOMOS/ISCARSAH reached out to us in early 2023 (new APT MOU); PETC members have connections with ISCARSAH. Planning joint webinar with ISCARSAH in 2023 – <b>Defer to 2024.</b></li> <li>• <b>Potential connection with Timber Framers Guild and Historic Bridge Foundation for 2024</b></li> </ul>
<b><i>Goal 3.III - Expand sharing of technical expertise and outreach to under-represented groups, international audience, partner organizations, and educational institutions to extend APTI's expertise to a larger audience</i></b>			
Create and utilize partnerships to distribute technical content in partner publications	Collaborate with technical committees and involve authors to reprint APT articles	Minimum 1 reprint per year	<ul style="list-style-type: none"> <li>• More focus on this in 2023 and beyond</li> </ul>