



The Association for Preservation Technology International
Association internationale pour la préservation et ses techniques

APT PETC Committee Report – Summer (Virtual) July 27, 2020

Committee: Preservation Engineering Technical Committee

Co-Chairs: Sarah Gray, Rachel Will, Amy Woods

- As discussed in prior Board meetings, Tom Morrison will be stepping down from the position of PETC committee co-chair after holding this position since just after the Quebec City annual conference in 2014. We are all grateful for Tom's many years of service and involvement with PETC to make it the very active and impactful committee it is today! Tom looks forward to remaining active within the committee, along with other recent past co-chairs, Tim Crowe and John Dumsick.
- We welcome Sarah Gray, an active PETC member, as our new Canadian based co-chair with Amy and Rachel. Sarah will also be running for a Board position this fall, so please join us in voting for her so that she can represent PETC as a voting Board member. A PETC goal is to include country diversity among co-chairs, with a minimum of two from one country.

Issues/Concerns

- Communication and managing of APT members active with PETC. The system we use currently is archaic and we maintain our list by updating manually and sending the list to Janet Bascom each time we want to send out an eblast. We are assuming other committees have a similar struggle and a more organized system might be able to be implemented by APT. We request that APT review communication between the various committees and even chapters to see if there is an improved system we can implement.
- We would like to request that the conferences committee consider a potential hybrid workshop test during the 2021 Conference in DC. We could explore the classroom being completed remotely prior to the conference to allow for more hands-on training and site tours during the conference. This would also be an opportunity to allow for the classroom portion to be available to a larger audience.

Recent Accomplishments

- Website: PETC now has an updated website with more details on each of our initiatives, including the Student Design-Build Competition, Disaster Response Initiative, David Fischetti Award, Workshops, and an archive of our Committee Reports, Meeting Minutes, and PETC News. If you haven't already, please check it out at www.apti.org/preservation-engineering.



- Survey: PETC has developed a survey to send out to APT members to assist us in planning future events and engaging with members who may not be aware of PETC. Please help out our committee by taking 10 minutes of your time to fill out the survey when it lands in your inbox. Thank you in advance.
- APT Bulletin: Vol. L No. 4: Special Issue: Preservation Engineering. Guest Editors Jenna Bressler and Justin Spivey. Articles by: MacLaren North, Romas Bubelis, Derek Trelstad, Rebecca Buntrock, Alex Vandenberg, Matthew Chalifoux, and Christopher Tavener.
- Student Design Competition (Leaders: Rachel Will, Sarah Gray, Sarah Van Domlen, Jenna Bressler):
 - 4 Finalist teams invited and attending 2020 virtual conference.
 - Experience to include a half-day student workshop on Historic Timber.
 - Schedule has been integrated into the virtual conference schedule and we are excited to see what happens.
 - Including planning task force, judges and mentors there are now over 20 APT members actively involved with competition (for which we are very thankful and grateful). To name a few:
 - Rachel Will, Sarah Van Domelen, Sarah Gray, Tom Morrison, Amy Woods, Jenna Bressler, Jillian Wilson, Becky Wong, Kai Shirley, Natalie Miller, Joshua Jaskowiak, Rebecca Dominique, Arlin Otto, Michael Gutland, Tim Crowe, John Dumsick, Don Friedman, Sean Barron, Sam Zabb-Parmley, and of course our judges and mentors.
- Disaster Response Initiative (DRI) (Leaders: John Dumsick, Rachel Palisin, Payal Vora):
 - DRI Task Leaders wish to thank Nina Jean-Louis for her years of leadership and development of the initiative. Her many hours of hard work and coordination with the Little Haiti project were top notch. Nina was awarded the first Emerging Professional Board member position on the APT Board of Directors and is studying for her PE licensure exam this fall. We wish her much luck in both endeavors. Nina has requested to remain a member of the initiative.
 - DRI was approved for \$5000 during the last Board meeting to assist with disaster response in such places as Puerto Rico.
 - Ongoing tasks include the following:
 - SHPO Outreach and Support (Allison Toonen-Talamo and Rachel Palisin).
 - Puerto Rico Earthquake Support. HENTF Collaboration and coordination (John Dumsick). Alternative partnerships (Payal Vora)
 - 2020-2021 Goals:
 - Develop disaster resilience training for SHPOs. Current concepts are development of emergency action plans and pre-disaster surveys.



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- 2020 David Fischetti Award (Leaders: Rachel Will, Tim Crowe):
 - PETC has received 9 submittals for this year's award. There are 5 judges from the PETC who have agreed to review and score all submissions.
 - Past recipients are listed with links to their papers on the PETC website on the David Fischetti Award page.
- 2021 Workshop (Amy Woods, John Dumsick):
 - We will be proposing a PETC lead workshop for the 2021 APT Conference in Washington DC. The topic will focus on Unreinforced Masonry (URM) Construction, Restoration, and Maintenance. The primary focus will be Stone, Brick, and Mortar and include a lot of hands on activities. Hands-on to include things like slaking lime, stone carving, dutchman repairs, brick replacement, composite patching, and appropriate maintenance such as sealant installation and adhesion testing, protecting horizontal surface options, and installing supplemental anchorage and pull testing. International Masonry Institute (IMI) is willing to host this workshop at their National Training Center in Bowie, MD.

Ongoing Efforts

- Special APT Bulletin issue request from the publications committee.

Future Planned Activities

- PETC Student design competition planning for the 2021 Washington DC Conference is reviewing alternate design problems. The task group is currently reviewing alternate design problem themes that would supplement the current Timber Truss and Masonry Arch problems that have been performed in the past.
- Preparation for the 5th annual PETC Student Design competition to be held virtually is for a Timber Truss Bridge.
- APT DRI is looking for participation of PETC and APT members.
- Compile Survey results and use for future PETC planning.