PROGRAM BOOK

APRIL 23-27, 2022
Hilton La Jolla Torrey Pines, La Jolla, CA

For more information, please visit post-tensioning.org.
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JOIN A COMMITTEE!

PTI Committees are recognized for providing widely accepted standards of
doctrine for nearly every facet of post-tensioning thanks to the participation of
professionals across the industry. Help shape the codes and standards of the
concrete industry and join a committee!

If you are interested in joining a committee, please visit post-tensioning.org/
committees/joinacommittee and fill out the online application.

www.post-tensioning.org
Thank you for joining us in La Jolla.

The Post-Tensioning Institute Staff and our Board of Directors would like to thank you for taking the time out of your schedule to join us in La Jolla, California, for the 2022 PTI Convention. Your input and participation is key to making both this convention and the Post-Tensioning Institute a success.

Over the next 4 days, you will have the opportunity to attend technical sessions, participate in PTI committee meetings, meet with exhibitors, and network at special events. I encourage you to actively participate at all events and take advantage of engaging with your colleagues in the post-tensioning industry. The more you engage, the more you speak up, the more value you will provide to the industry, and the more rewarding your experience will be.

Please be sure to join us on Sunday evening for the Welcoming Reception in the Exhibit Hall. Here you will be able to visit with your industry’s top suppliers and service providers while engaging with fellow attendees, renewing old friendships, and making many new connections.

On Monday evening, the Post-Tensioning Institute will hold its biannual Membership Contributions Awards. We hope that you will join us for the reception beginning at 6:00 p.m. in the Exhibit Hall, followed by dinner and presentation of the Membership Contributions Awards in the Grand Ballroom D & E beginning at 7:00 p.m. (note, separate registration and payment is required to attend).

Be sure to join the PTI industry on Tuesday night for the PT Research Fundraising Mixer, sponsored by Martin Specialty Products (separate registration required). Have some fun and join other convention attendees for food, drinks, and games at the Axe Thro Co (note, separate registration and payment is required to attend). All proceeds will be used specifically for PT-related research.

If you need to document your participation for obtaining continuing education credits, tracking forms are available at registration.

Again, thank you for participating in the 2022 PTI Convention.

Sincerely,
Tony Johnson
Executive Director
2022 PTI Officers & Directors

Officers

Jack Graves, Jr.  Builders Post-Tension DFW, Inc.  
Gregory Hunsicker  OnPoint Engineering & Technologies, LLC  
Coy Williams  Consolidated Reinforcement, L.P., Inc.

Voting Members (as of March 25, 2022)

Ricki Abney, Jr.  Houston Post Tension  
Jonathan Hirsh  Bentley Systems, Inc.  
David Martin  General Technologies, Inc.

Horst Aschenbroich  Con-Tech Systems, LTD  
David Hohman  Superior Post Tension  
Blair Mathews*  P.T. Atlas Manufacturing, LLC

Asit Baxi  Baxi Engineering, Inc.  
Rattan Khosa  AMSYSCO, Inc.  
Joshua Mecom  Sumiden Wire Products Corporation

Brandon Brower  Jobsite Stud Welding  
Marc Khoury  CCL USA, Inc.  
Andrew Micklus, Jr.  Freyssinet, LLC

Fabrice Brugere*  PT Tech, LLC  
Steve Kichefski  Commercial Metals Company  
Garrett Nackerud  Rose City Post Tension

Dan Buck  Suncoast Post-Tensionin, LTD  
Don Kline  Kline Engineering & Consulting  
Harley Nethken  Tech-Con Systems, Inc.

Tony Childress  Childress Engineering Services, Inc.  
Dawn Kori  Post Tension Cables, Inc.  
Mark Patrick  Pacific Post-Tensioning

Tommaso Ciccone  TENSA  
Evan Langston  Post Tech Manufacturing  
Dave Peters  Conco Reinforcing Steel

Martin Cuadra  Uzun + Case, LLC  
Chris Lemke  Ready Cable, Inc.  
Randy Plitt  Insteel Wire Products

Sergio Dalmau, Jr.  PTE Systems International, Inc.  
Milo Lopez  PPT, Inc.  
Danny Raines  Post Tension Technologies, LLC

Marc Ducommon  Canadian BBR, Inc.  
Andy Lynam  Phoenix Post-Tension  
Christian Roemschied  Dywidag Systems International USA, Inc.

Dick Elkins  Elkins TriSteel  
Martin Maingot  SCA Consulting Engineering  
Frank Salzano  Ceco Concrete Construction, LLC

Antionette Greenlee  PostTensioning Reinforcing Services  
Frank Maltis  Cagley & Associates  
*Associate Board Member
2022 PTI Officers & Directors Continued

Voting Members (as of March 25, 2022)

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Company</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warley Santos</td>
<td></td>
<td>Belgo Bekaert Arms</td>
</tr>
<tr>
<td>Michael Schwager</td>
<td></td>
<td>Schwager Davis, Inc.</td>
</tr>
<tr>
<td>Pete Scoppa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Scurlock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pete Speier</td>
<td></td>
<td>Williams Form Engineering Corp</td>
</tr>
<tr>
<td>Todd Stevens</td>
<td></td>
<td>Post Tension Solutions West, LLC</td>
</tr>
<tr>
<td>Derek Tuttle</td>
<td></td>
<td>Post-Tension Services of Texas</td>
</tr>
<tr>
<td>Adam Vance</td>
<td></td>
<td>Advanced Post Tension, LLC</td>
</tr>
<tr>
<td>Chris Wilkinson</td>
<td></td>
<td>Nucor Skyline</td>
</tr>
</tbody>
</table>

General Information: Part I

Attire
Business casual is appropriate for all daytime events. Business attire is recommended for receptions and the awards dinner.

24-Hour Business Center
For basic needs such as surfing the web, checking emails, printing or faxing documents. Open 24 hours and located in the hotel lobby.

Continuing Education Units/Professional Development Hours
PTI has provided a session attendance tracking form in your registration packet. This may be submitted to state boards that allow self-reporting of Continued Education activities as evidence of participation. In most cases, 1 contact hour is equal to 0.10 Continuing Education Units (CEUs) or one Professional Development Hour (PDH). Check with your local state board for acceptance criteria.

Conference Proceedings
Proceedings from the convention (presentations, papers, and abstracts) will be compiled after the event. A link to download the Proceedings will be e-mailed to conference attendees approximately 4 to 6 weeks after the event.

Exhibit Show Hours
Sunday, April 24  6:00 p.m. - 8:00 p.m.
Monday, April 25  7:30 a.m. - 6:45 p.m.
Tuesday, April 26  7:30 a.m. - 5:00 p.m.
Wednesday, April 27 7:30 a.m. - 1:00 p.m.

*Please note the exhibit hall can be quiet during committee meetings. During those hours, booth personnel are not required to be present at booth.
General Information: Part II

Emergencies
In the event of an emergency, please dial “0” from any phone in the hotel and you will be directly connected to hotel security. You may also call “911,” although hotel security should also be notified.

Internet Access
Wireless internet access is complimentary in the hotel lobby. For PTI attendees, complimentary internet will be available in your sleeping room and meeting space.

Legal Drinking Age
The legal drinking age in La Jolla, CA, is 21.

Name Badges
Please wear your name badge at all times during the conference. It is your admission to all sessions and functions for which you are registered.

Photography
PTI will take photographs throughout the conference which may be reproduced in news, promotional materials, or on the PTI website. By participating in the 2022 PTI Post-Tensioning Convention, you grant PTI the right to use your name, photograph, and biography for such purposes.

Refreshments and Meals
Breakfast, coffee breaks, lunch, Welcome and Awards Receptions are included with full convention registration. One-day registrations include access to breakfast, coffee breaks, lunch, and receptions occurring on the registered day only. Tickets will be included in your registration badge. All events requiring separate registration are: Awards Dinner, Research Mixer, and Welcome Reception (for those not registered for Full convention or Sunday only). If interested, please visit the registration desk at convention.

Schedule Changes
Cancellations, additions, and location changes to committee meetings will be posted at the PTI Registration desk and the Guidebook application. To download the Guidebook app simply open the Apple App Store or Google Play Store app on your device, search and download the “Guidebook” app, and once the app has downloaded scan the QR code to open the PTI application.
General Information: Part III

Transporation

Taxis
Taxi service to or from San Diego International Airport (SAN) is approximately $40 one way.

Uber and Lyft
Download the Uber or Lyft app on your phone, available on iOS and Android devices.

Public Transit: San Diego Flyer
Free to airport customers, the San Diego Flyer is a shuttle bus service between San Diego International Airport (SAN) and Old Town Transit Center.

Restaurants at Hilton La Jolla Torrey Pines

Horizons Coffee Café
Visitors will have the selection of Starbucks coffees and teas as well as hot breakfast sandwiches, to-go-snacks, pastries, and smoothies. Horizons Coffee Café is conveniently located in the lobby. Hours: 7:00 a.m. - 12:00 p.m., daily.

Torreyana Grille & Lounge
From breakfast to dinner and everything in between, the dining options are designed with you in mind. Hours: 3:00 p.m. - 11:00 p.m., daily.

Interested in the 2022 PTI Partner Program Opportunities? Offerings are still available and if you are interested in making a selection, please contact Olivia Cell at Olivia.Cell@post-tensioning.org or +1.248.848.3184.

To learn more, visit post-tensioning.org/publications/mediakit.
Exhibitor Floor Plan (as of March 25, 2022)

Exhibitor

Show Hours

Sunday, April 24
6:00 p.m. - 8:00 p.m.

Monday, April 25
7:30 a.m. - 6:45 p.m.

Tuesday, April 26
7:30 a.m. - 5:00 p.m.

Wednesday, April 27
7:30 a.m. - 1:00 p.m.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

<table>
<thead>
<tr>
<th>PTI Photo Booth</th>
<th>Booth #100</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phone:</strong></td>
<td>+1.248.848.3180</td>
</tr>
<tr>
<td><strong>Website:</strong></td>
<td><a href="https://www.post-tensioning.org/">https://www.post-tensioning.org/</a></td>
</tr>
</tbody>
</table>

PTI is recognized as the world-wide authority on post-tensioning and is dedicated to expanding post-tensioning applications through marketing, education, and code development.

<table>
<thead>
<tr>
<th>General Technologies, Inc.</th>
<th>Booth #101, 103, 200, 202</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phone:</strong></td>
<td>+1.281.240.0550</td>
</tr>
<tr>
<td><strong>Website:</strong></td>
<td><a href="https://gti-usa.net/">https://gti-usa.net/</a></td>
</tr>
</tbody>
</table>

GTI is the industry leader in manufacturing components and equipment used in concrete post-tensioning operations and rebar support.

<table>
<thead>
<tr>
<th>JSW Stud Rails</th>
<th>Booth #102</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Phone:</strong></td>
<td>+1.909.334.1216</td>
</tr>
<tr>
<td><strong>Website:</strong></td>
<td><a href="https://www.jobsitestud.com/">https://www.jobsitestud.com/</a></td>
</tr>
</tbody>
</table>

JSW is the industry leader in stud welding installation for a wide variety of applications.
## Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

### Unique Fasteners  Booth #104

**Phone:**
+1.855.761.2146  
**Website:**
http://uniquefasteners.com/

Unique Fasteners has been offering highly detailed and customized bolts or nuts for more than 50 years.

### Jacks & Accessories, Incorporated  Booth #105

**Phone:**
+1.900.447.4500  
**Website:**
https://jacksandaccessories.com/website/

Since 1995, Jacks and Accessories Inc. has supplied a range of post-tensioning equipment to countries around the world.

### Williams Form Engineering Corp.  Booth #106

**Phone:**
+1.616.866.0815  
**Website:**
https://www.williamsform.com/

Williams Form Engineering is a world renown leader in anchoring technology supplying chemical, grouted and mechanical anchors for any kind of strata from soil to rock or concrete.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

RISA Tech, Incorporated  Booth #107

Phone: +1.949.951.5815
Website: https://risa.com/

RISA Tech, Inc. has been developing structural analysis and design software for over 30 years, providing engineers with tools that are capable of solving any design challenge.

Post Tech Manufacturing  Booth #108

Phone: +1.817.851.4482
Website: https://www.pt-mfg.com/

Post Tech Manufacturing is the manufacturer of AC303 certified products for post-tensioning applications along with Uni-Chairs and the all new MiniMax Drill Shear.

DYWIDAG Systems International  Booth #201

Phone: +1.562.531.6161 (California Office)
Website: https://dywidag.com/

DYWIDAG Systems International (DSI), is a global technology group in the construction and mining sectors.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

**Leviat**

**Booth #203**

**Phone:**
+1.800.804.6565 (California Office)

**Website:**
https://www.leviat.com/

Leviat is a world leader in connecting, fixing, lifting and anchoring technology for the construction industry.

**e-Longation, LLC**

**Booth #204**

**Phone:**
+1.877.783.5664

**Website:**
https://e-longation.com/

E-longation has specialized in developing tendon locating technology and elongation measuring to automate workflows and efficiencies.

**Structural Technologies**

**Booth #205**

**Phone:**
+1.410.376.8577

**Website:**
https://www.structuralttechnologies.com/

Structural Technologies provides a wide range of specialty repair and maintenance services for civil and structural infrastructure.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

CCL International, Ltd.  Booth #206

Phone: +44 (0) 113.270.1221
Website: https://www.cclint.com/

CCL is working to improve the performance of construction, by providing the ideal solution for every project using specialized engineering techniques, wherever in the world.

Flickinger Machine, LLC  Booth #207

Phone: +1.281.481.0389
Website: http://www.fmpte.com/

Flickinger Machine specializes in the areas of post-tension and foundation repair while simultaneously is becoming the largest SPX Power Team distributor in the United States.

PS=Ø®  Booth #300

Phone: +1.800.355.8414
Website: http://www.techsalesps0.com/

PS=Ø® is a mechanical rebar splicing system that eliminates pour strips and maintains structural continuity while allowing for volume change.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

**P.T. Atlas Manufacturing**  
Booth #301, 303

**Phone:**  
+1.972.287.1420

**Website:**  
https://ptatlasmfg.com/

P.T. Atlas Manufacturing is a manufacturer and distributor of a variety of products and equipments for the post-tensioning industry.

**Oncrets**  
Booth #302

**Phone:**  
+55 (41) 988.781.787

**Website:**  
https://www.oncrets.com/

Oncrets is the world wide post-tensioning technical engineering data platform available 24 hours and right to your cloud.

**Sumiden Wire Products Corporation**  
Booth #304

**Phone:**  
+1.616.446.3199 (Head Office)

**Website:**  
https://www.sumidenwire.com/

Sumiden Wire Products Corporation (SWPC) is a US corporation supplying customers with high-quality wire products for the past 42 years.
Exhibition

Visit the following exhibitors in the Grand Ballroom and see what products and services they have to offer.

Freyssinet
Booth #306

**Phone:**
+1.703.378.2500  
**Website:**
https://www.freyssinet.com/

Freyssinet is a civil engineering company that uses a range of technology to design, build, maintain, repair and monitor structures, large or small, to make them safer and more durable.

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**RESEARCH**

Seeking research involving post-tensioned concrete structures.

**CASE STUDIES**

Applications of post-tensioning illustrating innovation, performance, economics, and sustainability.

**DEADLINE**

To learn more about submission and deadlines, please contact:

Amy Dowell
amy.dowell@post-tensioning.org
+1.248.848.3751

For requirements and publication policies, please visit post-tensioning.org/publications/ptijournal.
Sponsors

Awards Reception Sponsor

Lanyards Sponsor

Concrete Reinforcing Products

JSW Stud Rails

Research Mixer Sponsor

Welcome Reception Sponsor

Martin Specialty Products

Aoe

Breakfast Sponsors

Coffee Breaks Sponsors

Monday	Tuesday	Wednesday

Monday	Tuesday	Wednesday

Lunch Sponsors

Monday	Tuesday	Wednesday
## Daily Program

### Sunday, April 24

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 7:00pm</td>
<td>Registration</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td>7:00am - 5:00pm</td>
<td>Coffee Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>M-50: Bonded Tendon Joint Task Group</td>
<td>Scripss I</td>
</tr>
<tr>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>12:00pm - 5:00pm</td>
<td>Exhibitors Move-In</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>EX-105: Executive Committee</td>
<td>La Jolla Canyon</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>CRT-30: Unbonded PT Personnel Certification Committee</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>DC-40: Bridge Design Committee</td>
<td>Scripss II</td>
</tr>
<tr>
<td>6:00pm - 8:00pm</td>
<td>Opening Welcome Reception</td>
<td>Exhibit Hall</td>
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</table>

### Monday, April 25

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 8:00am</td>
<td>Breakfast</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>7:00am - 5:00pm</td>
<td>Registration</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td>8:00am - 5:00pm</td>
<td>Coffee Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>8:00am - 10:00am</td>
<td>CRT-70: PT Systems Qualification Testing &amp; Certification Committee</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>8:00am - 11:00am</td>
<td>DC-20: Building Design Committee (3 Hours)</td>
<td>Scripss II</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>Technical Session: PT Bridges &amp; Multistrand PT</td>
<td>Grand Ballroom E</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>CRT-60: Unbonded PT Repair, Rehabilitation &amp; Strengthening Personnel Certification Committee</td>
<td>Grand Ballroom D</td>
</tr>
</tbody>
</table>
## Daily Program

### Monday, April 25 (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00am - 12:00pm</td>
<td>DC-20-A: BIM Subcommittee (1 Hour)</td>
<td>Scripps II</td>
</tr>
<tr>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>1:00pm - 3:00pm</td>
<td>CRT-40: Multistrand &amp; Grouted PT Personnel Certification Committee</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>1:00pm - 3:00pm</td>
<td>CRT-80: Unbonded PT Systems Certification Committee</td>
<td>Scripps I</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>M-55: Grouting Committee</td>
<td>Scripps II</td>
</tr>
<tr>
<td>3:00pm - 5:00pm</td>
<td>CRT-20: Unbonded Tendon Plant Certification Committee</td>
<td>Scripps I</td>
</tr>
<tr>
<td>6:00pm - 7:00pm</td>
<td>2022 PTI Awards Reception</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>7:00pm - 8:30pm</td>
<td>2022 PTI Awards Dinner (Ticketed Event)</td>
<td>Grand Ballroom D &amp; E</td>
</tr>
</tbody>
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### Tuesday, April 26

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am - 8:00am</td>
<td>Breakfast</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>7:00am - 5:00pm</td>
<td>Registration</td>
<td>Grand Ballroom Foyer</td>
</tr>
<tr>
<td>8:00am - 5:00pm</td>
<td>Coffee Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>8:00am - 10:00am</td>
<td>DC-25: Parking Structure Committee</td>
<td>Scripps II</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>Technical Session: PT Buildings</td>
<td>Grand Ballroom E</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>DC-10: Slab-on-Ground Committee</td>
<td>Scripps I</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>M-10: Barrier Cable Task Group</td>
<td>Scripps II</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>Innovative Material Session (Sponsored by M-10)</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>1:00pm - 3:00pm</td>
<td>EDC-130: Education Committee</td>
<td>Grand Ballroom D</td>
</tr>
</tbody>
</table>
## Daily Program

### Tuesday, April 26 (Continued)

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00pm - 5:00pm</td>
<td>DC-80: Repair, Rehabilitation &amp; Strengthening Committee</td>
<td>Scripps I</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>M-10: Unbonded Tendon Committee</td>
<td>Scripps II</td>
</tr>
<tr>
<td>3:00pm - 5:00pm</td>
<td>TAB: ACI 318-T + 320 Task Group</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>6:00pm - 8:00pm</td>
<td>2022 PT Research Fundraising Mixer</td>
<td>Axe Thro Co</td>
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</tbody>
</table>

### Wednesday, April 27

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>7:00am - 8:00am</td>
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<td>Exhibit Hall</td>
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</tr>
<tr>
<td>8:00am - 1:00pm</td>
<td>Coffee Break</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>8:00am - 10:00am</td>
<td>MBR-160: Membership Committee</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>Technical Session: Special PT Topics &amp; Research</td>
<td>Grand Ballroom E</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>CRT-140: Certification Advisory Board</td>
<td>Scripps I</td>
</tr>
<tr>
<td>8:00am - 12:00pm</td>
<td>TAB-120: Technical Advisory Board</td>
<td>Scripps II</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>MKT-150: Marketing Committee</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>12:00pm - 1:00pm</td>
<td>Lunch</td>
<td>Exhibit Hall</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>Board of Directors</td>
<td>Grand Ballroom D</td>
</tr>
<tr>
<td>5:00pm - 6:00pm</td>
<td>Board of Directors Reception (Board Members &amp; Staff Only)</td>
<td>Ocean</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>Exhibitors Move-Out</td>
<td>Exhibit Hall</td>
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</tbody>
</table>

* Committee meetings DC-45 and DC-35 will meet virtually outside of this schedule.
2022 Special Events

2022 PTI Opening Welcoming Reception
Sunday, April 24 6:00pm - 8:00pm Exhibit Hall
Sponsored By: Advancing Organizational Excellence (AOE)
Start the conference off enjoying a beverage and some light hors d’oeuvres while renewing connections, building your professional network, and learn about the products and services offered by exhibitors. Two drink tickets are included with a Full Convention Registration and Sunday Convention Registration (see the back of your badge for tickets). Monday-only attendees require a separate registration and fee to access this event.

2022 PTI Awards Reception
Monday, April 25 6:00pm - 7:00pm Exhibit Hall
Sponsored By: Concrete Reinforcing Products
Attendees are invited to the exhibit hall for the 2022 PTI Awards Reception. Congratulate PTI Awardees, reunite with colleagues, network with new acquaintances, and learn about the products and services offered by the exhibitors. This event is open to all Convention attendees, and will be open to local industry professionals who attend the Open Exhibit Hall on Monday.

2022 PTI Awards Dinner
Monday, April 25 7:00pm - 8:30pm Grand Ballroom D & E
Attendees are invited to the Grand Ballroom D & E for the 2022 PTI Awards Dinner. Congratulate PTI Awardees, reunite with colleagues, network with new acquaintances, and enjoy refreshments with dinner. This event requires an admission ticket to attend. If you are interested in attending, please see Michelle Stern at the PTI Registration desk.

2022 PT Research Fundraising Mixer
Tuesday, April 26 6:00pm - 8:00pm Axe Thro Co
Sponsored By: Martin Specialty Products
Join PTI attendees and guests for an evening of networking, entertainment, and great food during the PT Research Fundraising Mixer, held at the Axe Thro Co. An assortment of food and beverages will be available. All proceeds collected will help continue the advancement of post-tensioning research. This event requires an admission ticket to attend. If you are interested in attending, please see Michelle Stern at the PTI Registration desk.
2022 Special Events

2022 PTI Board of Directors Reception
Wednesday, April 27 5:00pm - 6:00pm Ocean

Board Members & Staff Only

Board Members are invited to conclude the PTI Convention by enjoying a beverage and some light hors d’oeuvres following the Board of Directors meeting. This event is only open to Board Members and PTI Staff.

For more information, please visit post-tensioning.org/events.
<table>
<thead>
<tr>
<th>Time (PT)</th>
<th>Presentation</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am - 8:05am</td>
<td>Session I Moderator</td>
<td>Brian Merrill, Wiss, Janney, Elstner Associates</td>
</tr>
<tr>
<td>8:05am - 8:55am</td>
<td>Using Post-Tensioning to Design for Resiliency and Durability on the Longest Spliced Precast Concrete Girder Bridge in Vermont</td>
<td>Thomas French, HDR, Chester Werts, HDR</td>
</tr>
<tr>
<td>8:55am - 9:20am</td>
<td>Precast Segmental Duct Couplers for Closure Pours</td>
<td>Agnieszka Skalska, GTI</td>
</tr>
<tr>
<td>9:20am - 9:45am</td>
<td>STGJV - Hart’s - Phase 3 - Elevated Precast Airport Guideway Section, Post-Tensioning Elements and Construction Challenges</td>
<td>Guy Cloutier, LCPT International Consulting</td>
</tr>
<tr>
<td>10:15am - 10:20am</td>
<td>Session II Moderator</td>
<td>Bob Sward, Structural Technologies, LLC</td>
</tr>
<tr>
<td>10:20am - 10:45am</td>
<td>Post-Tensioned Bridge Design, Materials and Construction Requirements in Washington State</td>
<td>Bijan Khaleghi, WSDOT Anthony Mizumori, Concrete Specialist</td>
</tr>
<tr>
<td>10:45am - 11:10am</td>
<td>Upcoming Revision of FIB Bulletin No. 75 - Polymer Ducts for Internal Post-Tensioning</td>
<td>Klaus Lanzinger, GTI</td>
</tr>
<tr>
<td>11:10am - 11:35am</td>
<td>Transportation Infrastructure Mega Project in China. Upgrading the 4th Ring Transportation Corridor in Zhengzhou, Henan, China</td>
<td>Gernot Komar, Sun Engineering &amp; Technology International</td>
</tr>
<tr>
<td>11:35am - 12:00pm</td>
<td>Using Post-Tensioned Concrete to Design and Construct Context Sensitive Footbridges at a Nature Preserve in Encinitas, California</td>
<td>Tony Sanchez, HDR</td>
</tr>
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### Technical Sessions

#### Tuesday, April 26

**PT Buildings**

<table>
<thead>
<tr>
<th>Time (PT)</th>
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<tbody>
<tr>
<td>8:00am - 8:05am</td>
<td>Session III Moderator</td>
<td>Carol Hayek, CCL</td>
</tr>
<tr>
<td>8:05am - 8:30am</td>
<td>CONRAC Maui - The Case for PT Moment Frames and Harped Tendons</td>
<td>Steven Baldridge, BASE</td>
</tr>
<tr>
<td>8:30am - 8:55am</td>
<td>SigmaSlab®, Breakthrough in Slab Construction</td>
<td>Carol Hayek, CCL Hendrik Thoof, Bekaert</td>
</tr>
<tr>
<td>8:55am - 9:45am</td>
<td>High Performance Concrete Voided Slabs with PT</td>
<td>Mike Mota, Cobiax USA Michael Hopper, LERA</td>
</tr>
<tr>
<td>10:15am - 10:20am</td>
<td>Session IV Moderator</td>
<td>Bryan Allred, Seneca Structural Engineering, Inc.</td>
</tr>
<tr>
<td>10:20am - 11:10am</td>
<td>270 Park Avenue: Pushing U-Loop Tendons to Their Limits</td>
<td>Mark Saliba, Freyssinet Florian Aalami, Visicon</td>
</tr>
<tr>
<td>11:10am - 12:00pm</td>
<td>Design of Post-Tensioned Concrete Buildings for Efficiency and Resilience</td>
<td>Leo Panian, Tipping Structural Engineers</td>
</tr>
</tbody>
</table>

#### Wednesday, April 27

**Special PT Topics & Research**

<table>
<thead>
<tr>
<th>Time (PT)</th>
<th>Presentation</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00am - 8:05am</td>
<td>Session V Moderator</td>
<td>Thomas Kang, Seoul National University</td>
</tr>
<tr>
<td>8:05am - 8:30am</td>
<td>Corrosion Test by Exposure to Salt Spray on Monostrand Anchorage</td>
<td>Fabio Albino de Souza, EBPX</td>
</tr>
<tr>
<td>8:30am - 9:20am</td>
<td>Unbonded Tendong Finishing - Cutting, Capping and Grout Pockets</td>
<td>Ted Neff and Sam Carnell, GTI</td>
</tr>
</tbody>
</table>
### Technical Sessions

#### Wednesday, April 27

**Special PT Topics & Research (Continued)**

<table>
<thead>
<tr>
<th>Time (PT)</th>
<th>Presentation</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:20am - 9:45am</td>
<td>Staying Cool Under Fire: Evaluating Fire-Exposed PT</td>
<td>Tracy Naso and Ralf Leistikow, Wiss, Janney, Elstner Associates</td>
</tr>
<tr>
<td>10:15am - 10:20am</td>
<td>Session VI Moderator</td>
<td>Tracy Naso, Wiss, Janney, Elstner Associates</td>
</tr>
<tr>
<td>10:20am - 10:45am</td>
<td>Automatic System for Measurement of Prestressing Tendon Force and Elongation</td>
<td>Thomas Kang and Suhyun Park, Seoul National University</td>
</tr>
<tr>
<td>10:45am - 11:10am</td>
<td>Experimental and Analytical Studies on Impact Resistance of Prestressed Concrete Panels</td>
<td>Thomas Kang and Seong Ryong Ahn, Seoul National University</td>
</tr>
<tr>
<td>11:10am - 11:35am</td>
<td>Post-Tensioning Concrete Application for Digester Tanks - Tuas Water Reclamation Plant (TWRP), Singapore</td>
<td>Khaled Abdelmoula, GTI</td>
</tr>
<tr>
<td>11:35am - 12:00pm</td>
<td>Application of Post-Tensioned Ground Anchor for One of the World’s Highest Hydro Power Projects</td>
<td>Nagarajkumar Bommakanti, Streza Systems Global Tech</td>
</tr>
</tbody>
</table>

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**SPECIAL OFFER**

Visit the PTI Bookstore (located in the Grand Ballroom Foyer) and receive **25% off** all PTI Publications. *Offer valid thru: 04/23/22 - 04/27/22.*
Technical Sessions

Technical Session I & II: PT Bridges & Multistrand PT
Monday, April 25  8:00am - 12:00pm  Grand Ballroom E
Session I - This session focuses on topics related to bridge design and construction utilizing post-tensioning in both cast-in-place and precast, prestressed concrete applications. It also includes topics pertaining to other uses of multistrand post-tensioning systems, both bonded and unbonded.

Session II - This session focuses on topics related to bridge design and construction utilizing post-tensioning in both cast-in-place and precast, prestressed concrete applications. It also includes topics pertaining to other uses of multistrand post-tensioning systems, both bonded and unbonded.

Technical Session III & IV: PT Buildings
Tuesday, April 26  8:00am - 12:00pm  Grand Ballroom E
Session III - This session focuses on topics related to the design and construction of buildings utilizing post-tensioned concrete. It includes discussion of post-tensioning applications pertaining to building elements ranging from foundations to slab-on-ground and elevated floor systems.

Session IV - This session focuses on topics related to the design and construction of buildings utilizing post-tensioned concrete. It includes discussion of post-tensioning applications pertaining to building elements ranging from foundations to slab-on-ground and elevated floor systems.

Technical Session V & VI: Special PT Topics & Research
Wednesday, April 27  8:00am - 12:00pm  Grand Ballroom E
Session V - This session highlights unique topics related to other design, construction and repair applications which utilize post-tensioning. Research efforts and case studies associated with post-tensioning are also discussed.

Session VI - This session highlights unique topics related to other design, construction and repair applications which utilize post-tensioning. Research efforts and case studies associated with post-tensioning are also discussed.
Meeting Map Space
Download the Convention App!

1. Visit guidebook.com/g/pticonv22/ on your mobile device
2. Tap the “download” button to get the free Guidebook app
3. Open the Guidebook and look for the guide: PTI Post-Tensioning Convention

Already have the app?
Simply switch the event to PTI Post-Tensioning Convention.
Session PDH Tracker

For detailed information on sessions (descriptions, presentations, speakers, etc.), please visit the convention app or PTI website. Attend the entire duration of a live session and record the codes given out during the session using the PDH Tracker Form. In most cases, one contact hour is equal to one Professional Development Hour (PDH). Check with your state Board for acceptance criteria. Please note: PTI does not track and cannot provide documentation confirming attendee participation or attendance at any PTI session held during the convention.

<table>
<thead>
<tr>
<th>Sunday, April 24</th>
<th>No. of PDHs</th>
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</thead>
<tbody>
<tr>
<td>8:00am - 12:00pm</td>
<td>PTI/ASBI M-50 Bonded Tendon Joint Task Group 4 PDH</td>
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<tr>
<td>1:00pm - 5:00pm</td>
<td>CRT-30 Unbonded PT Personnel Certification Committee 4 PDH</td>
</tr>
<tr>
<td>1:00pm - 5:00pm</td>
<td>DC-40 Bridge Design Committee 4 PDH</td>
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<thead>
<tr>
<th>Monday, April 25</th>
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<tbody>
<tr>
<td>8:00am - 10:00am</td>
<td>CRT-70 PT Systems Qualification Testing &amp; Certification Committee 2 PDH</td>
</tr>
<tr>
<td>8:00am - 11:00am</td>
<td>DC-20 Building Design Committee 3 PDH</td>
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<tr>
<td>8:00am - 12:00pm</td>
<td>Technical Session I: PT Bridges &amp; Multistrand PT 4 PDH</td>
</tr>
<tr>
<td>10:00am - 12:00pm</td>
<td>CRT-60 Unbonded PT Repair, Rehabilitation &amp; Strengthening Personnel Certification Committee 2 PDH</td>
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<tr>
<td>11:00am - 12:00pm</td>
<td>DC-20-A BIM Subcommittee 1 PDH</td>
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<tr>
<td>1:00pm - 3:00pm</td>
<td>CRT-40 Multistrand &amp; Grouted PT Personnel Certification Committee 2 PDH</td>
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<tr>
<td>1:00pm - 3:00pm</td>
<td>CRT-80 Unbonded PT Systems Certification Committee 2 PDH</td>
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<tr>
<td>1:00pm - 5:00pm</td>
<td>M-55 Grouting Committee 4 PDH</td>
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### Session PDH Tracker

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Topic</th>
<th>No. of PDHs</th>
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<tr>
<td>Monday, April 25</td>
<td>3:00pm - 5:00pm</td>
<td>CRT-20</td>
<td>Unbonded Tendon Plant Certification Committee</td>
<td>2 PDH</td>
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<tr>
<td></td>
<td>8:00am - 10:00am</td>
<td>DC-25</td>
<td>Parking Structure Committee</td>
<td>2 PDH</td>
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<tr>
<td></td>
<td>8:00am - 12:00pm</td>
<td></td>
<td>Technical Session II: PT Buildings</td>
<td>4 PDH</td>
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<tr>
<td></td>
<td>10:00am - 12:00pm</td>
<td>DC-10</td>
<td>Slab-on-Ground Committee</td>
<td>2 PDH</td>
</tr>
<tr>
<td></td>
<td>10:00am - 12:00pm</td>
<td>M-10</td>
<td>Barrier Cable Task Group</td>
<td>2 PDH</td>
</tr>
<tr>
<td></td>
<td>1:00pm - 3:00pm</td>
<td>EDC-130</td>
<td>Education Committee</td>
<td>2 PDH</td>
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<tr>
<td></td>
<td>1:00pm - 5:00pm</td>
<td>DC-80</td>
<td>Repair, Rehabilitation &amp; Strengthening Committee</td>
<td>4 PDH</td>
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<tr>
<td></td>
<td>1:00pm - 5:00pm</td>
<td>M-10</td>
<td>Unbonded Tendon Committee</td>
<td>4 PDH</td>
</tr>
<tr>
<td></td>
<td>3:00pm - 5:00pm</td>
<td>TAB</td>
<td>ACI 318-T + 320 Task Group</td>
<td>2 PDH</td>
</tr>
<tr>
<td>Tuesday, April 26</td>
<td>8:00am - 10:00am</td>
<td>MBR-160</td>
<td>Membership Committee</td>
<td>2 PDH</td>
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<tr>
<td></td>
<td>8:00am - 12:00pm</td>
<td></td>
<td>Technical Session II: Special PT Topics &amp; Research</td>
<td>4 PDH</td>
</tr>
<tr>
<td></td>
<td>8:00am - 12:00pm</td>
<td>CRT-140</td>
<td>Certification Advisory Board</td>
<td>4 PDH</td>
</tr>
<tr>
<td></td>
<td>8:00am - 12:00pm</td>
<td>TAB-120</td>
<td>Technical Advisory Board</td>
<td>4 PDH</td>
</tr>
<tr>
<td></td>
<td>10:00am - 12:00pm</td>
<td>MKT-150</td>
<td>Marketing Committee</td>
<td>2 PDH</td>
</tr>
<tr>
<td>Wednesday, April 27</td>
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Return PDH Tracker Form to: Michelle Stern at michelle.stern@post-tensioning.org or fax to +1.248.848.3181.
SAVE the DATE
April 30-May 3, 2023 | JW Marriott Marquis Miami | Miami, FL

POST-TENSIONING CONVENTION

For more information, please visit post-tensioning.org/events.
Join PTI attendees and guests for an evening of networking, entertainment, and great food during the PT Research Fundraising Mixer. An assortment of food and beverages will be available. All proceeds collected will help continue the advancement of post-tensioning research.

Date: Tuesday, April 26, 2022  
Time: 6:00pm - 8:00pm  
Location: Axe Thro Co  
Address: 4428 Convoy St Suite 310, San Diego, CA 92111  
Transportation: PTI Shuttle (Grand Ballroom Foyer)

This event requires an admission ticket to attend. If you are interested in attending, please see Michelle Stern at the PTI Registration desk.

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SPECIALTY PRODUCTS
Have Post-Tensioning Questions? 
We Have Reinforced Answers.

PTI has engineering staff available to assist you with any post-tensioning related technical questions you might have about a document or a project.

If you have a technical question, issue, or challenge to be met with post-tensioning, our team can provide assistance and answer. Contact us via e-mail at technical.inquiries@post-tensioning.org.

THE POST-TENSIONING INSTITUTE
Your resource to the post-tensioning industry.

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