



# 2024 WELCOME PACKET

APRIL 14-17, 2024

The Westin Indianapolis | Indianapolis, IN, USA

# Sponsors

**WELCOME RECEPTION - MAJOR SPONSOR**



**AWARDS RECEPTION - MAJOR SPONSOR**



**RESEARCH MIXER - MAJOR SPONSOR**



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**BREAKFAST SPONSORS**



Monday



Tuesday



Wednesday

**COFFEE BREAK SPONSORS**



Sunday



Consolidated REINFORCEMENT

Monday



Consolidated REINFORCEMENT

Tuesday

**LUNCH BREAK SPONSORS**



Monday



Tuesday



Wednesday

**FOR EXHIBITORS & SPONSORING QUESTIONS**

**Exhibitor Questions, Contact:**  
 Courtney Clemens  
 courtney.clemens@concrete.org  
 Office: (248) 848-3817

**Sponsor Questions, Contact:**  
 Paulina Barbone  
 paulina.barbone@post-tensioning.org  
 Office: (248) 848-3809

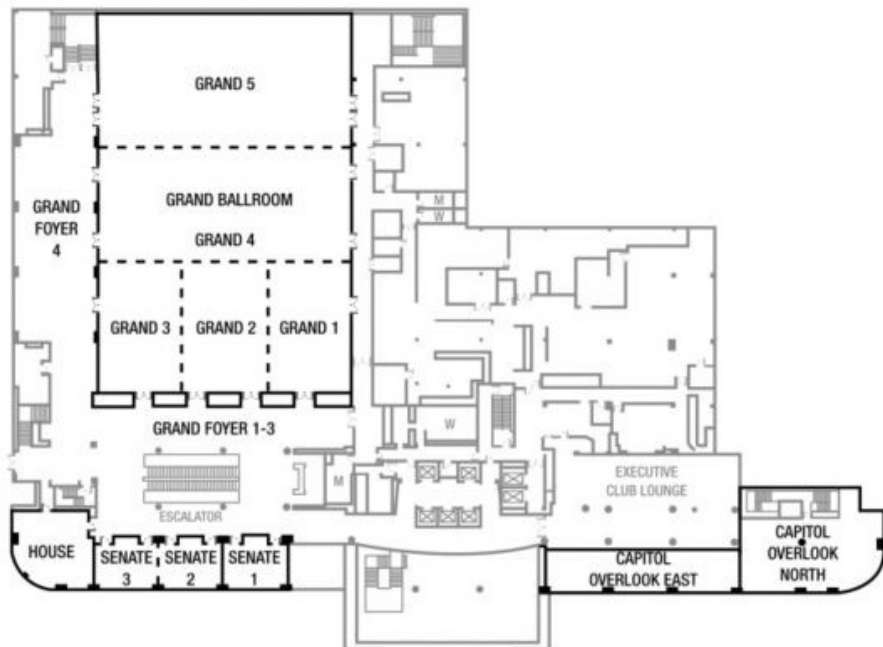
**For additional information, visit [Post-Tensioning.org/Events/Convention](https://Post-Tensioning.org/Events/Convention)**

# Convention Floorplan

## FIRST FLOOR



## SECOND FLOOR



**2024 PTI Post-Tensioning Convention**

April 14-17, 2024

Westin Indianapolis - Grand Ballroom 4 & 5

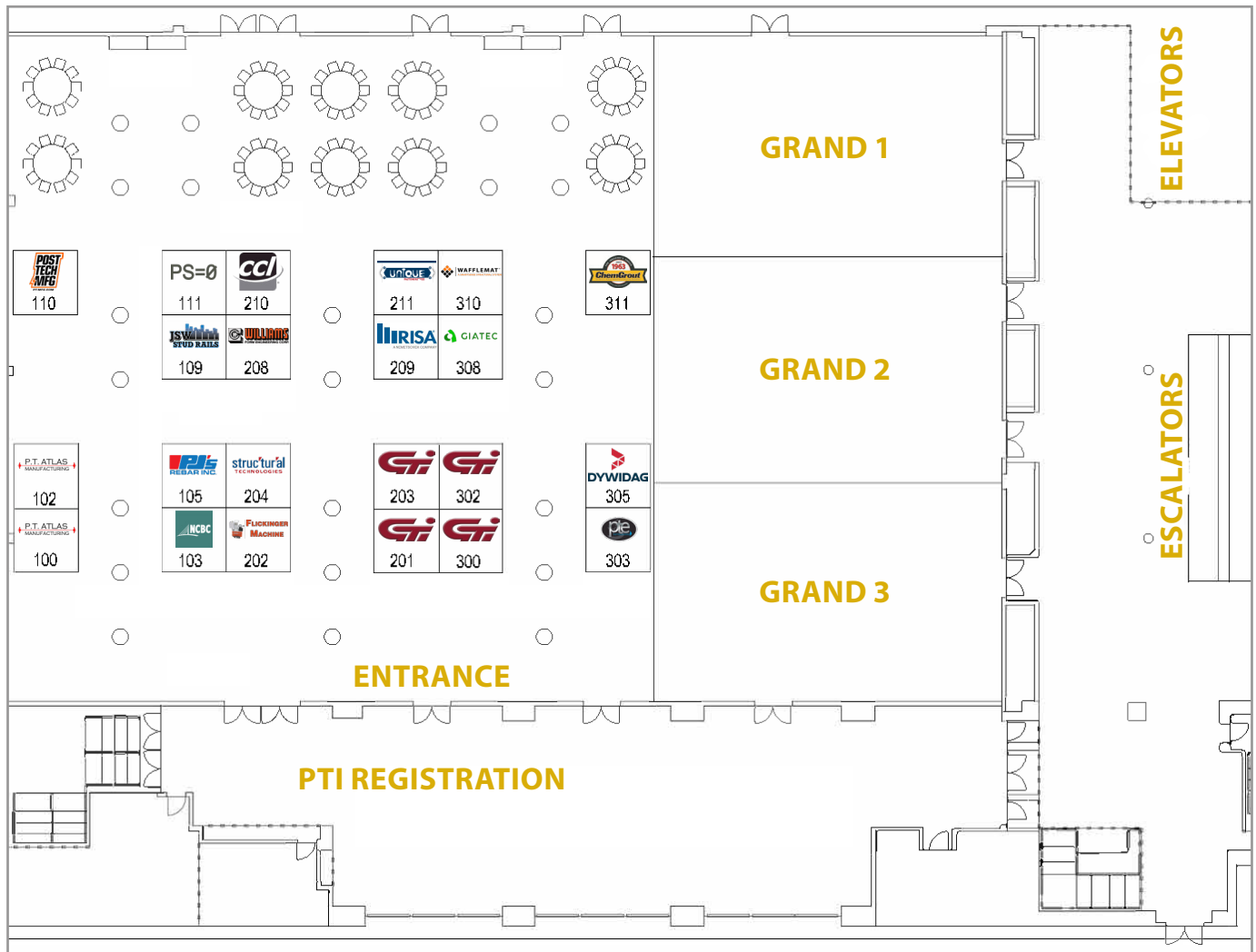
Indianapolis, IN, USA

# Committee Meetings & Events Schedule

DATE	MEETING TIME (ET)	Grand 1	Grand 2	Capitol 1	Capitol 2	Capitol 3
SUNDAY, APRIL 14	8:00 am - 12:00 pm	<b>DC-35</b> Prestressed Rock & Soil Anchor Committee		<b>EX-105</b> Executive Committee <i>By Invitation Only</i>		<b>CRT-40</b> Multistrand & Grouted PT Personnel Certification Committee
	12:00 pm - 1:00 pm	<b>LUNCH - Boxed Lunch</b>				
	1:00 pm - 3:00 pm	<b>DC-35</b> Prestressed Rock & Soil Anchor Committee		<b>DC-20A</b> BIM Subcommittee	<b>DC-40</b> Bridge Design Committee	<b>CRT-20</b> Unbonded Tendon Plant Certification Committee
	3:00 pm - 5:00 pm			<b>CRT-70</b> PT System Qualification Testing & Certification Committee		
	5:30 pm - 7:00 pm	<b>OPENING RECEPTION - Exhibit Hall</b>				
MONDAY, APRIL 15	8:00 am - 12:00 pm		<b>TECHNICAL SESSIONS</b> PT Bridges & Multistrand PT	<b>DC-20</b> Building Design Committee	<b>M-10</b> Unbonded Tendon Committee	<b>CRT-60</b> Unbonded PT Repair, Rehabilitation, & Strengthening
	12:00 pm - 1:00 pm	<b>LUNCH - Exhibit Hall</b>				
	1:00 pm - 5:00 pm			<b>DC-25</b> Parking Structures Committee	<b>M-50</b> Multistrand & Bar Post-Tensioning Committee	<b>DC-80</b> Repair, Rehabilitation, & Strengthening Committee
	6:00 pm - 8:00 pm	<b>AWARDS RECEPTION - Exhibit Hall &amp; AWARDS DINNER - Grand 2 &amp; 3</b>				
TUESDAY, APRIL 16	8:00 am - 10:00 am		<b>TECHNICAL SESSIONS</b> PT Buildings	<b>MKT-150</b> Marketing Committee	<b>DC-45</b> Cable Stayed Bridge Committee	<b>CRT-30</b> Unbonded PT Personnel Certification Ad Hoc Committee
	10:00 am - 12:00 pm			<b>MBR-160</b> Membership Committee		
	12:00 pm - 1:00 pm	<b>LUNCH - Exhibit Hall</b>				
	1:00 pm - 3:00 pm			<b>EDC-130</b> Education Committee	<b>M-55</b> Grouting Committee	<b>DC-10</b> Slab-on-Ground Committee
	3:00 pm - 5:00 pm			<b>RD-100</b> Research & Development Committee		
	6:00 pm - 8:00 pm	<b>PT RESEARCH FUNDRAISING MIXER - The Fowling Warehouse Indianapolis (Transportation Provided)</b>				
WEDNESDAY, APRIL 17	8:00 am - 10:00 am		<b>TECHNICAL SESSIONS</b> PT Slab-on-Ground	<b>TAB-120</b> Technical Advisory Board		<b>CRT-140</b> Certification Advisory Board
	10:00 am - 12:00 pm		<b>TECHNICAL SESSIONS</b> PT Repair & Strengthening			
	12:00 pm - 1:00 pm	<b>LUNCH - Exhibit Hall</b>				
	1:00 pm - 5:00 pm				<b>BD-100</b> Board of Directors	
	5:00 pm	<b>END OF CONVENTION</b>				

# Exhibit Hall Floorplan

Document Updated on April 1, 2024



- |     |                                  |     |                           |     |                   |
|-----|----------------------------------|-----|---------------------------|-----|-------------------|
| 100 | P.T. Atlas                       | 202 | Flickinger Machine        | 302 | GTI               |
| 102 | P.T. Atlas                       | 203 | GTI                       | 303 | PTE               |
| 103 | National Concrete Bridge Council | 204 | Structural Technologies   | 305 | DYWIDAG           |
| 105 | PJ's Rebar, Inc.                 | 208 | Williams Form Engineering | 308 | Giatec Scientific |
| 109 | JSW Stud Rails                   | 209 | RISA Tech                 | 310 | Wafflemat         |
| 110 | Post-Tech Manufacturing          | 210 | CCL                       | 311 | ChemGrout         |
| 111 | PS= 0                            | 211 | Unique Fasteners          |     |                   |
| 201 | GTI                              | 300 | GTI                       |     |                   |

**2024 PTI Post-Tensioning Convention**

April 14-17, 2024

Westin Indianapolis - Grand Ballroom 4 & 5  
 Indianapolis, IN, USA

# Technical Sessions Schedule

DATE	SESSION	MEETING TIME (ET)	PRESENTATION	SPEAKER(S)
MONDAY, APRIL 15	PT Bridges and Multistrand PT	8:00 am - 8:05 am	Session 1 Moderator	Brian Merrill, WJE
		8:05 am - 8:30 am	The Marion Street Pedestrian Bridge: A New Icon for the Revitalized Seattle Waterfront	Don Nguyen
		8:30 am - 8:55 am	Monitoring Post-Tensioned Tendons Using Optical Fiber Technology	Christopher Williams
		8:55 am - 9:20 am	Construction of the Wekiva Parkway Section 6	Robert Bennett
		9:20 am - 9:45 am	Friction Losses in Bonded Post-Tensioning Tendons	Klaus Lanzinger
		10:15 am - 10:20 am	Session 2 Moderator	Ron Pierce, DLN Limited Company
		10:20 am - 10:45 am	Program Launch for Qualification Verification and Multistrand Post-Tensioning Systems' Certification	Miroslav Vejvoda
		10:45 am - 11:35 am	Network Tied Arch with Post-Tensioned Tie Girders	Matt Longfield and Julie Rivera
		11:35 am - 12:00 pm	Risk Assessment of PT Tendons for Designers	Glenn Washer
TUESDAY, APRIL 16	PT Buildings	8:00 am - 8:05 am	Session 3 Moderator	Rashid Ahmed, Walker Consultants
		8:05 am - 8:30 am	Analytical Study on the Impact Behavior of Unbonded Post-Tensioned Slab	Thomas Kang, Hyeonsik Choi
		8:30 am - 8:55 am	Enhancing Concrete Productivity in Brazil: Leveraging PT Systems with a Focus on Constructability	Mario Esmeraldo dos Santos
		8:55 am - 9:20 am	Design and Analysis of Semi-Rigid Post-Tensioned Concrete Diaphragm	Thomas Kang, Manwoo Kim
		9:20 am - 9:45 am	Automatic System for Management of Prestressing Tendon Force Based on Real-time Data and its Results	Ana Laura Medeiros Cruz
		10:15 am - 10:20 am	Session 4 Moderator	Neel Khosa, Amsysco
		10:20 am - 10:45 am	EV Weight – Is it an Issue for Parking Structure Design Loads?	Rashid Ahmed
		10:45 am - 11:10 am	Barrier Cables Design Methodology	Asit Baxi
		11:10 am - 11:35 am	Competitive Strategies for PT Parking Structures	Michael Pedraza
		11:35 am - 12:00 pm	Competitive Strategies Panel Discussion	Michael Pedraza, Asit Baxi, Rashid Ahmed, Neel Khosa
WEDNESDAY, APRIL 17	PT Slab-on-Ground	8:00 am - 8:05 am	Session 5 Moderator	David Sparks, Felton Group
		8:05 am - 8:30 am	The Impact of the IRC 2024 Code Change on Residential PT Slab-on-Ground	Tim Christle
		8:30 am - 9:20 am	Optimizing Shallow Slab-on-Grade Foundation Designs: Efficient Stiffness vs. Excessive Mass	Anna Olveda and Florian Aalami
		9:20 am - 9:45 am	Modeling of Mat Foundation on an Elastic Base Using the Equivalent Grids x Finite Element Method	Fabio Albino de Souza
	PT Repair and Strengthening	10:15 am - 10:20 am	Session 6 Moderator	Tracy Naso, WJE
		10:20 am - 11:10 am	Innovative Non-Destructive Testing for Post-Tensioned Structures	Natallia Shanahan
		11:10 am - 11:35 am	O'Hare International Airport Parking Garage: Assessment, Repair, and Strengthening	Tim Gregor
		11:35 am - 12:00 pm	PT Repair Panel Discussion	Tim Gregor, Tracy Naso, Don Kline, Joe Augustine, Daniel Rosa, Jason Caravello

For additional information, visit [Post-Tensioning.org/Events/Convention](https://Post-Tensioning.org/Events/Convention)

# Technical Sessions Survey

PT Bridges and Multistrand PT



**MONDAY, APRIL 15  
SESSION 1**



**MONDAY, APRIL 15  
SESSION 2**

PT Bridges and Multistrand PT

PT Buildings



**TUESDAY, APRIL 16  
SESSION 3**



**TUESDAY, APRIL 16  
SESSION 4**

PT Buildings

PT Slab-on-Ground



**WEDNESDAY, APRIL 17  
SESSION 5**



**WEDNESDAY, APRIL 17  
SESSION 6**

PT Repair and Strengthening

# Committee Meetings PDH Tracker

For detailed information on sessions (descriptions, presentations, speakers, etc.), please visit the PTI website. Attend the entire duration of a live session and record the session you attended using the space below. In most cases, one contact hour is equal to one Professional Development Hour (PDH). Check with your State Board for acceptance criteria.

Please note: return form to Michelle Stern at [Michelle.Stern@post-tensioning.org](mailto:Michelle.Stern@post-tensioning.org).

Sunday, April 14			No. of PDHs	Attended
8:00 am - 5:00 pm	DC-35	Prestressed Rock & Soil Anchor Committee	8 PDH	
8:00 am - 12:00 pm	CRT-40	Multistrand & Grouted PT Personnel Certification Committee	4 PDH	
1:00 pm - 3:00 pm	DC-20-A	BIM Subcommittee	2 PDH	
1:00 pm - 5:00 pm	DC-40	Bridge Design Committee	4 PDH	
1:00 pm - 5:00 pm	CRT-20	Unbonded Tendon Plant Certification Committee	4 PDH	
Monday, April 15				
8:00 am - 12:00 pm	DC-20	Building Design Committee	4 PDH	
8:00 am - 12:00 pm	M-10	Unbonded Tendon Committee	4 PDH	
8:00 am - 12:00 pm	CRT-60	Unbonded PT Repair, Rehabilitation, & Strengthening	4 PDH	
1:00 pm - 5:00 pm	DC-25	Parking Structures Committee	4 PDH	
1:00 pm - 5:00 pm	M-50	Multistrand & Bar Post-Tensioning Committee	4 PDH	
1:00 pm - 5:00 pm	DC-80	Repair, Rehabilitation, & Strengthening Committee	4 PDH	
Tuesday, April 16				
8:00 am - 10:00 am	MKT-150	Marketing Committee	2 PDH	
8:00 am - 12:00 pm	DC-45	Cable Stayed Bridge Committee	4 PDH	
8:00 am - 12:00 pm	CRT-30	Unbonded PT Personnel Certification Ad HOC Committee	4 PDH	
10:00 am - 12:00 pm	MBR-160	Membership Committee	2 PDH	
1:00 pm - 3:00 pm	EDC-130	Education Committee	2 PDH	
1:00 pm - 5:00 pm	M-55	Grouting Committee	4 PDH	
1:00 pm - 5:00 pm	DC-10	Slab-on-Ground Committee	4 PDH	
3:00 pm - 5:00 pm	RD-100	Research & Development Committee	2 PDH	
Wednesday, April 17				
8:00 am - 12:00 pm	TAB-120	Technical Advisory Board	4 PDH	
8:00 am - 12:00 pm	CRT-140	Certification Advisory Board	4 PDH	
1:00 pm - 5:00 pm	BD-100	Board of Directors	4 PDH	

To access technical sessions, please flip the page and enter the provided codes.

Name: \_\_\_\_\_

I attest that I attended the sessions and/or meetings as marked above for a total of \_\_\_\_\_ PDHs.

Address: \_\_\_\_\_

Signature: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

Date: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_





# Technical Sessions PDH Tracker

For detailed information on sessions (descriptions, presentations, speakers, etc.), please visit the [PTI website](#). Attend the entire duration of a live session and record the two codes provided during the session you attended using the space below. In most cases, one contact hour is equal to one Professional Development Hour (PDH). Both codes are required to gain PDH credit.

**Please note: return form to Michelle Stern at [Michelle.Stern@post-tensioning.org](mailto:Michelle.Stern@post-tensioning.org).**

Monday, April 15		Code 1	Code 2	No. of PDHs	Attended
8:00 am - 10:00 am	Technical Session 1: PT Bridges & Multistrand PT			2 PDH	
10:00 am - 12:00 pm	Technical Session 2: PT Bridges & Multistrand PT			2 PDH	
Tuesday, April 16					
8:00 am - 10:00 am	Technical Session III: PT Buildings			2 PDH	
10:00 am - 12:00 pm	Technical Session IV: PT Buildings			2 PDH	
Wednesday, April 17					
8:00 am - 10:00 pm	Technical Sessions V: PT Slab-on-Ground			2 PDH	
10:00 am - 12:00 pm	Technical Session VI: PT Repair & Strengthening			2 PDH	

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip Code: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

I attest that I attended the sessions and/or meetings as marked above for a total of \_\_\_\_\_ PDHs.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

