

AGENDA – FALL 2017 MEETING

Joint ASCE/ACI Committee 445 – SHEAR AND TORSION

ANAHEIM, CA; October 14-18, 2017

- 1. Call to order – welcome** (Belarbi)
- 2. Attendees self-introduction: name and affiliation** (Group)
- 3. Approval of the agenda** (Belarbi)
- 4. Approval of meeting minutes of Spring 2017, Detroit, MI** (Belarbi)
- 5. Report on ACI 318 One-Way Shear Code Change Proposal (CE025)**
(Sanders/Belarbi)
- 6. Report on ACI 318 Punching Shear Code Change Proposals (CE020, CE021, and CF 009)** (Ospina/Hawkins)
- 7. Subcommittee reports and on-going 445 activities** (Sub-Committee Chairs)
 - ✓ 445-A Strut and Tie, and Update on STM Ballot/Document (Sanders)
 - ✓ 445-B Seismic Shear (Pujol)
 - ✓ 445-C Slab Shear (Ospina)
 - ✓ 445-D Beam Database (Reineck)
 - ✓ 445-E Torsion (Greene)
- 8. Future technical sessions** (Group and Sub-committee Chairs)
 - ✓ Spring 2018 (Salt Lake City, UT) --"Shear in Structural Concrete – ACI Symposium Honoring Michael P. Collins" (Mitchell/Belarbi)
 - ✓ Fall 2018 (Las Vegas, NV)
 - ✓ Spring 2019 (Quebec City, QB, Canada) --" Torsion Design Examples" (Greene)
 - ✓ Fall 2019 (Cincinnati, OH)
- 9. Technical presentations** (*15 mns for presentations and 2 mns for Q/A*)
 1. *"Size Effect on Strength of Large Shear Walls"*
Mohammad Rasoolinejad and Zdenek P Bazant
 2. *"The Strength of Inclined Struts"*
Nazanin Rezaei and Gary Klein
- 10. New business** (Open)

Liaison reports- ACI committees
- 11. Next meeting and wrap-up** (Belarbi)
- 12. Adjourn** (Belarbi)

Fall 2017 – Anaheim, CA

Meeting Schedule by Time

	SUNDAY October 15	TIME	ROOM
445-0A	Shear & Torsion- <i>Strut & Tie</i>	9:30a- 12-30p	D-North Hall I
445-0B	Shear & Torsion- <i>Seismic Shear</i>	9:30a – 11:30a	D-Zambezi
445-0E	Shear & Torsion- <i>Torsion</i>	12-30p – 2:00p	D-North Hall I
445-0C	Shear & Torsion- <i>Punching Shear</i>	1:00p - 3:00p	D-Castle B
445-0D	Shear & Torsion- <i>Shear Databases</i>	2:00p - 5:00p	D-North Hall I
	MONDAY October 16		
318-0E	Section and Member Strength	10:00a – 1:00p	D-Castle C
445-Main	Shear & Torsion	2:00p – 6:00p	D-Magic Kingdom 4
	TUESDAY October 17		
318-0E	Section and Member Strength	7:30a-12:30p	D-Castle B
	WEDNESDAY October 18		
318	Structural Concrete Building Code	8:00a-6:00p	D-Magic Kingdom 2

Meeting Schedule by Committee/Subcommittee

	COMMITTEE	DAY	TIME	ROOM
318	Structural Concrete Building Code	Wed	8:00a-6:00p	D-Magic Kingdom 2
318-0E	Section and Member Strength	Mon	10:00a – 1:00p	D-Castle C
318-0E	Section and Member Strength	Tues	7:30a-12:30p	D-Castle B
445-Main	Shear & Torsion	Mon	2:00p – 6:00p	D-Magic Kingdom 4
445-0A	Shear & Torsion- <i>Strut & Tie</i>	Sun	9:30a- 12-30p	D-North Hall I
445-0B	Shear & Torsion- <i>Seismic Shear</i>	Sun	9:30a – 11:30a	D-Zambezi
445-0C	Shear & Torsion- <i>Punching Shear</i>	Sun	1:00p - 3:00p	D-Castle B
445-0D	Shear & Torsion- <i>Shear Databases</i>	Sun	2:00p - 5:00p	D-North Hall I
445-0E	Shear & Torsion- <i>Torsion</i>	Sun	12-30p – 2:00p	D-North Hall I

**ACI 445C - Punching Shear
2017 Fall Meeting – Anaheim
Sunday, October 15, 2017
Disneyland Hotel
Room: D-Castle B
1:00 pm to 3:00 pm**

AGENDA

[Please mark attendance sheet]

1. Welcome, Introductions
2. Announcements
3. Approval of Anaheim Agenda
4. Approval of Detroit (Spring 2017) Meeting Minutes
5. Reports and Presentations:
 - Report on *ACI/fib* Punching Shear International Symposium (Ospina)
 - Report on ACI 318 Punching Shear Code Change Proposals CE 020, CE 021 and CF 009) (Ospina and Hawkins)
 - Effect of Radial and Cruciform Shear Reinforcement Layout on the Response of RC Slabs under Unbalanced Moment Transfer
 - i. Presentation by Dam
 - ii. Presentation by Hrynyk and Polo
 - Report on *ACI/fib* Collaborative Punching Databank Development Efforts (Ospina)
 - New Business:
 - i. Effect of Bi-directional Loading on the Capacity of RC Slabs under Unbalanced Moment Transfer (Dam, Hammill, Ospina)
6. Other Business
7. Next ACI 445C Meeting (Salt Lake City, March 25, 2018)
8. Adjournment

ACI-DAfStb-Group "Shear databases" / ACI Subcommittee 445-D

Invitation to the meeting at the ACI Fall Convention in Anaheim

Sunday 15 October 2017, 14:00 - 17:00 h (2:00 to 5:00 pm)

room: D-North Hall 1 (please check)

Agenda

1 Welcome

2 Approval of agenda

3 Approval of minutes of the last meeting

4 Revisions of databases

- report on state of work (Reineck)

5 Databases for shear tests on lightweight concrete beams

- report on state of work (Greene)

6 State of databases for shear tests a intermediate supports

- report on state of work (Reineck)

7 Databases with shear friction tests

- report on state of work (Williams; Sneed).

8 Shear tests on beams without stirrups reinforced with FRP bars

- report on state of work (Bentz)

9 Future development of ACI-DAfStb Group Shear Databases

- report on last meeting of *fib* TG 2.2.1 in London (Bayrak)
- future activities

11 Next meeting Sunday 14 to 17 h (2 to 5 pm)

12 Membership

13 Other topics

Agenda of ACI 445-E – Shear & Torsion – Torsion

Sunday, October 15, 2017

Room: D-North Hall 1, 1:15 PM – 2:00 M

ACI 2017 Fall Convention – Anaheim

Presiding: Chair Gary Greene

- 1) Welcome and Introduction
- 2) Review and approval of agenda
- 3) Review and approval of meeting minutes
- 4) New Business
 - a) Discuss examples for the SP
 - b) Discuss suggested format for the SP
 - c) Discuss deadline for first draft of SP papers
 - d) Discuss current list of authors and additional potential authors
- 5) Next Meeting – Sunday, March 25, 2018 at 12:30 pm (Salt Lake City, UT)
- 6) Adjournment