



American Concrete Institute

38800 Country Club Drive  
Farmington Hills, MI 48331 USA  
+1.248.848.3700  
[www.concrete.org](http://www.concrete.org)

## Meeting Agenda

### ACI Committee 445-0E - Shear & Torsion-Torsion

#### Online

Monday, Oct 26<sup>th</sup> 2020, 1:00 pm – 2:30 pm

**Mission:** *Develop and report information on the analysis and design of concrete members subjected to torsion in combination with shear, bending, and/or axial force.*

**Goals:** *1) Develop a collection of additional examples of torsion in structural concrete 2) Support 445 and 318-E on issues involving torsion 3) Maintain report on Torsion in Structural Concrete (445.R-12)*

#### Committee Members

Gary Greene  
Eva Lantsoght  
Mohammad Ashrafy  
Abdeldjelil Belarbi  
Lennart Elfgren  
I-Kuang Fang  
Thomas Hsu

Deuckhang (DK) Lee  
Yi-Lung Mo  
Giorgio Proestos  
Khalidoun Rahal  
Julio Ramirez  
Lesley Sneed  
Andor Windisch

#### Invited Guests

#### Guests

#### 1. Administrative [10 min]

- 1.1. Welcome and introduction
- 1.2. Review and approval of agenda
- 1.3. Approval of the previous meeting's minutes.

Note: Requires 6 voting members present.

#### 2. Strategic Planning and Discussion [15 min]

##### 2.1. Membership.

New member Deuckhang (DK) Lee.

##### 2.2. Review of mission.

*Always advancing*

**2.3. Review of goals.**

**3. Old Business [10 min]**

**3.1. SP development update**

**3.2. Torsion session update**

Thursday Oct 29<sup>th</sup>:

10:00 AM - 12:00 PM [Examples for the Design of Reinforced and Prestressed Concrete Members Under Torsion, Part 1 of 2](#)

1:00 PM - 3:00 PM [Examples for the Design of Reinforced and Prestressed Concrete Members Under Torsion, Part 2 of 2](#)

**4. New Business [50 min]**

**4.1. CRC proposal: update from Giorgio Proestos [20 min]**

**4.2. Future work of the committee [30 min]**

**4.2.1. 445 and 318-E issues involving torsion**

Update from DJ Belarbi.

**4.2.2. 445.1R Report on Torsion in Structural Concrete**

The report will expire 5/3/2021. Decide on way forward.

**4.2.3. 445.XR Shear & Torsion document: contribution from 445-E**

Update from Gary Greene and Giorgio Proestos.

**4.2.4. Torsion database**

**5. Adjournment [5 min]**

Next meeting – Monday March 29<sup>th</sup> time TBD, Baltimore, MD.