

ACI-239 C – Structural Design of UHPC

Wednesday, May 19, 2021

11:00 AM(EDT)-12:30 PM(EDT)

Room: Virtual Meeting

Google Meet

Meeting Agenda

1. Welcome, Introductions, and Attendance
2. Approval of Agenda
3. Sub-Committee Membership Make-up
4. Status of Ballot on ETR (dated: December 16/19)
5. Design Guide for the Structural Design of UHPC.
 - i) Organization of the Guide.
 - ii) Update by chapter
 - iii) Volunteers for chapters.

Outline	Leader(s)	Collaborator(s)
1. Introduction and Scope		
2. Notation and Definitions		
3. Material Behaviors		
a. Mechanical Properties	Peter Calcetas	Zoi Ralli
b. Durability Properties	Vic Perry	Zoi Ralli
c. Time-Dependent Properties	Mohamed Alnaggar	Hassan Aoude
4. Structural Design		
a. Limit States and Design Concepts		
b. Axial	Mohamed Moustafa	Hassan Aoude
c. Flexural		Mohamed Alnaggar
d. Beam Shear		Mohamed Alnaggar
e. Interface Shear	Ali Semendary	
f. Punching Shear	Fatmir Menkulasi	
g. Reinforcement Detailing	Mathew Bandelt	
5. Design for Durability	John Myers	
6. References		
7. Appendixes		
a. Example Problems	Tess Ahlborn	

6. Next meeting:
 - Conference calls: TBD
 - ACI Fall Meeting: October 18, 2021 – 10:30 am to 12:30 pm, Atlanta, GA