

AGENDA
ACI Committee 201 – Durability
Convention Centre, C-205, Cincinnati,
Tuesday, Oct. 22, 2019
(8:00 a.m. – 11:00 a.m.)

- 1) Call to order
- 2) Introductions
- 3) Approval of the Minutes from the Quebec City meeting – Spring 2019. Minutes were approved on administrative ballot closing 5/23/2019 on a vote of 21-1-0-5-10. Note: Not Returned ballots were ~27%.
- 4) Membership Report – Larry Sutter
 - a) Status (as of Oct. 2, 2019): 2 officers, 35 voting members, 133 associate members, 8 consulting members, and 12 subcommittee members, and 1 liaison member.
- 5) Summary of ACI 201 Objectives and Goals – Doug Hooton
Including plans for re-organization and balance of membership, and required changes to associate member status.
- 6) 201 Documents:
 - a) 201.2R-16 Guide to Durable Concrete
 - b) 201.3T-19 Tech Note: Joint Deterioration and Chloride-based Deicing Chemicals (**NEW!**)
- 7) Durability Standards:
 - a) Joint report by Subcommittees 201-F on Durability in Design Specifications, Larry Sutter, Chair (Sunday 10-12 am), and 201-G on Executing Durable Concrete in Construction Specifications, Oscar Antommattei, Chair (Monday 11:30-1pm).
 - i) Once the outlines for these subcommittee activities are finalized, then the subcommittees will be enlarged to involve more 201 members. Note that voting membership on 201 will need to be balanced to ballot actions from these subcommittees at the Main Committee. Subcommittees do not require balance and a member of a subcommittee does not need to be a member of the Main Committee.
 - b) Messaging on 201 initiatives to ACI. There was concern raised in Quebec by several members of 318 and ACI Board members who were hearing through the grapevine that Committee 201 was going to interfere with or usurp part of the 318 code and other standards. Please do not spread such information even in social conversations. We are only at early stages of trying to see if we can develop more comprehensive durability-focused approaches that could complement existing standards or as alternatives that could be possibly referenced by them.
- 8) 201.2R-16 Revisions:
Reports by each technical chapter chair on progress regarding revisions: (and clarifying the list of TG members)
Chapter 3 Mass Transport- Rachel Detwiler /Michelle Nokken
Chapter 4 Freezing and Thawing- Don Janssen/ Tyler Ley
Chapter 5 Aggregate Reactions- April Snyder
Chapter 6 Sulfate Attack- Thanos Drimalis
Chapter 7 Chemical Attack- Dave Rothstein
Chapter 8 Physical Salt Attack- Mohamed Bassuoni/ Harvey Haynes
Chapter 9 Corrosion- David Trejo

Chapter 10 Abrasion- Kyle Riding

- 9) Task Group Reports on Development of Tech Notes:
 - a) TG 1 - Aggressive Chemicals – David Rothstein, Chair, Monday at 3-4 pm. Tech Note: Joint Deterioration and Chloride-based Deicing Chemicals has been published. This TG's job is complete so will likely be disbanded.
 - b) TG 2 - Physical Salt Attack – Mohamed Bassuoni, Chair, Sunday at 11-12 am: on Tech Notes: Physical Salt Attack on Concrete: Effect of Mixture Design Parameters and: Tech Note: Selecting Repair Materials for Concrete Affected by Physical Salt Attack. These tech notes are on hold for now.
 - c) Subcommittee 201H (formerly TG 3) - Aggregate Reactivity –April Snyder, Chair, Sunday at 12-3 pm re: Tech Note on Pyrrhotite. TAC reviewed this Tech Note in July and want substantive changes made.
 - d) TG 5 - Microbially Induced Corrosion of Concrete. James Aldred, Sunday at 10-11am.
 - e) TG 6 – Performance Options for 318 Code Requirements for Concrete Durability, Karthik Obla Chair, Sunday 4-5pm.
- 10) Update on ACI 301, 318 and 350 – Doug Hooton (318) and Thano Drimalas (350) and Michelle Wilson (301)
- 11) 201-01L Liaison Subcommittee Report: James Aldred (Australia).
- 12) Session Reports
 - i) This Convention:
Recent Developments in Bio-Inspired Cementitious Materials
 - ii) Future Conventions:
Microbially Induced Corrosion of Concrete
ACI Spring Convention 2020 - Rosemont, IL
- 13) New Business
 - i) Approval of joint document with Committee 221 on AAR – April Snyder and Larry Sutter
- 14) Presentations
Requests for 201 support for CRC Funding Applications
 - a) Raissa Ferron, UT Austin, natural pozzolans and their performance with respect to ASR
 - b) Samuel Adu-Amankwah, Leeds U. Equivalent Microstructure-based Assessment of Concrete Durability
 - c) ?
- 15) Next C201 main Meeting – March 31, 2019 (Rosemont, IL USA)
- 16) Adjournment