

**AGENDA**  
**ACI COMMITTEE 221 – AGGREGATES**  
ACI Fall Virtual Convention 2021 – 10/19/2021 (Tuesday), 2:00 - 4:30 PM (EST)

1. Call to order and introductions
2. Review and approval of Spring 2021 meeting minutes.
3. Membership – Voting Members (23), Consulting Members (5) and Associate Members (25)
4. Report from the TAC
5. ACI research council proposal presentation, review and provide recommendations – One proposal submitted, and the proposers will present their proposal - Endorsement requires the TC chair or task group chair to complete the approval form and submit results of an administrative ballot - Deadline to complete a Committee administrative ballot: November 15.
6. **Updates on the revision of the main Document (221R-96)**
  - a. Chapters 3, 4, 5 and 7 were revised and approved through multiple ballots.
  - b. **Chapter 1** was revised and approved except Table 1. A small task group (April and Mark) was created to rework on Table 1. A draft version of the Table is getting ready, which will be discussed at the meeting.
  - c. **Chapter 2:** Properties of hardened concrete influenced by aggregate properties
    - i. A preliminary review was conducted by Larry and Anol.
    - ii. A significant amount of work has recently been conducted (after Spring 2021 meeting) covering revision of chapter structure, re-writing certain portions and removing the old references, and adding relevant updated information along with citing recent references – Jim Casilio, Anol and Clay
    - iii. The revised chapter will be discussed in the meeting to receive some useful comments followed by sending a ballot
  - d. **Chapter 6:** — Recycled Concrete Aggregates
    - i. A new chapter was balloted in October 2020 (Volunteers: Xijun Shi, Gabriella Puente de Andrade, Leandro F. M. Sanchez, and Anol). There were 5 negative votes, so the chapter needs more editing to address the negatives. Developing a revised short chapter mainly focusing on providing guidance is under progress.
7. Developing a TechNote on “The Use of Field Performance History in Accessing Alkali Silica Reactivity Potential of Concrete”
  - a. TAC granted the committee permission to begin work on the TechNote on 8/3/2021
  - b. A draft version is ready to have a discussion at the committee meeting - Volunteers: Jim and Anol
8. **Updates on the AAR document** chapters that are closely related to the domain of 221
  - i. Chapter 2: Mechanism of Alkali-Aggregate Reaction (developing a new Chapter)
    1. Kai-Wei (Victor) is working on revising the ASR portion with necessary help from Anol. Volunteers to review: April, need more volunteers
    2. Mengesha Beyene has developed a draft version for the ACR portion and working on further revision. Once ready, the ACR portion will be sent to the volunteers for review.
  - ii. Chapter 3: Role of Aggregate Minerology (developing a comprehensive new chapter)

1. Kai-Wei (Victor) is working on revising the ASR portion with necessary help from Anol. Volunteers for review: Kristen, need more volunteers
2. Mengesha Beyene has developed a draft version for the ACR portion and working on further revision. Once ready, the ACR portion will be sent to the volunteers for review.

**9. Other Business**

Preparation of Technotes (part of Guide) / Emerging technology report (ETR) part of report, Mini session

New Business:

- a. A joint-session 201-H and 221 on iron sulfide issues – all work is under progress to submit the final request form on or before Oct. 22 - an update from April
- b. Mini session on how to use ASTM C 1778. Mark Lukkarila indicated that 225 is working on a mini session on this subject and perhaps we can work on it jointly.

10. Adjournment