

AGENDA for [ACI 242](#) – Alternative Cements

Tuesday, October 16, 2018, 12:00-3:00 pm
Rio Pavilion 10, Las Vegas, NV

1. Welcome and brief introduction to committee (M. Christiansen) (5 minutes)
2. MINI SESSION – [Recent Advances in Alternative Cements](#) (R. Thomas) (65 minutes)
3. Introductions by attendees (10 minutes)
4. Minutes approved by online administrative ballot
5. Membership update (M. Christiansen) (5 minutes)
 - a. Voting – 16
 - b. Associate – 21
6. Chair's comments (M. Christiansen) (10 minutes)
 - a. TAC breakfast report
7. Upcoming Sessions – Quebec City (M. Christiansen) (5 minutes)
 - a. Alkali Activated Binders (sponsored by 236/242)
 - b. Early Age Response of Concretes and the Influence of Binder Composition (sponsored by 231/236/242)
8. Update on status of ITG-10 Report on Alternative Cements (L. Sutter) (5 minutes)
9. Discussion on definition of Alternative Cement (L. Sutter) (20 minutes)
 - a. Current definition attached on following page
10. TechNotes (M. Christiansen) (30 minutes)
 - a. Outline and timeline
 - b. Update and organization of task groups
 - i. Alkali-activated binders (S. Peethamparan)
 - ii. Calcium sulfoaluminate cements (R. Thomas)
 - iii. Carbonated cements (D. Ravikumar?)
 - iv. Calcium aluminate cements (C. Alt)
 - v. Magnesium phosphate cements (J. Preskins)
 - vi. Property-based (L. Sutter)
11. Research needs (10 minutes)
12. Relevant Upcoming Conferences
 - a. RILEM Spring Convention 2019 and International Conference on Sustainable Materials, Systems, and Structures (SMSS2019), March 18-22, 2019, Rovinj, Croatia. <http://grad.hr/rilem.smss/>
 - b. ACI co-sponsored 5th International Conference on Sustainable Construction Materials and Technologies, Kingston University, Kingston Hill campus, Kingston London UK, July 14 - 17, 2019
 - c. ACI co-sponsored 4th International Conference on Structures and Architecture (ICSA2019), July 24-26, 2019, Lisbon, Portugal.
13. New Business
14. Adjourn

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ATTACHMENT 1

Below is the definition of alternative cement from the ITG-10 Report on Alternative Cements and ITG-10 Practitioner’s Guide.

alternative cement—an inorganic cement that can be used as a complete replacement for portland or blended hydraulic cements, and that is not covered by applicable specifications for portland or blended hydraulic cements.

Note: An alternative cement or alternative cement blend could provide better performance than that of portland or blended hydraulic cement in some applications. An alternative cement, however, might not perform adequately as a replacement for portland or blended hydraulic cement in every application. In some cases, alternative cements can also be used in combination with portland or blended hydraulic cements.