



American Concrete Institute

38800 Country Club Drive
Farmington Hills, MI 48331 USA
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www.concrete.org

ACI Committee 523

CELLULAR CONCRETE

MEETING AGENDA

ACI 2019 fall, Las Vegas, NV

Tuesday, October 16

8:30a-10:30a

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HARD COPIES WILL NOT BE DITRIBUTE AT THE MEETING

1. Call to order and welcome message
2. Mini-Session: Advancing the Cellular Structure for Concrete
 - 2.1. The Activation of Fly Ash for Improved Performance by K. Sobolev
 - 2.2. Case Studies of Novel Uses for Cellular Concrete by T. Towery
 - 2.3. Crushing Behavior and Energy Consumption of Foamed Concrete during Impacts by Y. Song
3. Roundtable introduction of members and visitors
4. Review and approve minutes from the 2017 fall meeting in Salt Lake City, UT
5. Members review
 - 5.1. Total members: 31
 - 5.1.1. 2 officers, 22 voting, 6 associates, and 1 consulting
 - 5.2. Assigned members under ACI Balance of Interest
 - 5.2.1. Producer, User, or General Interest
6. Status of documents:
 - 6.1. Review of Guide
 - 6.1.1. 523.2R-96: Guide for Precast Cellular Concrete Floor, Roof, and Wall Units
 - 6.2. Tech-notes update
 - 6.2.1. Status of the Internal Temperature Effects on Cellular Concrete Fills
 - 6.2.2. Other tech notes to discussed:



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- 6.2.2.1. permeability/water absorption
- 6.2.2.2. structural properties
- 7. Research needs
 - 7.1. The Application of Fly Ash and Off-spec CCR in Cellular Concrete
 - 7.2. Hydrophobic Coating for Surface Treatment of Cellular Concrete
 - 7.3. Delayed Ettringite Formation (DEF) in Mass Pours of Cellular Concrete
 - 7.4. Environmental Benefits of Cellular Concrete
 - 7.5. Impact and Blast Resistance of Cellular Concrete
- 8. New/Old Business
 - 8.1. Student competition
 - 8.2. Next mini-sections
 - 8.3. Full section
 - 8.4. ACI certification
- 9. Report on TAC workshop/breakfast for technical committee chairs
- 10. Informal reports by members and visitors
- 11. Adjourn.