

**ACI Committee 549**  
A. Nanni, Chair; C. Aldea, Secretary  
**Thin Reinforced Cementitious Products and Ferrocement**  
**ACI Spring Convention, Salt Lake City, UT**

**Meeting Agenda**  
**Sunday, March 25**  
**12:00 PM - 2:00 PM LA-Wyoming**

**1. Call To Order**

**2. Approval/changes to Agenda**

**3. Approval of Previous Meeting Minutes**

Action items from minutes

**4. Announcements, conference co-sponsored by ACI 549**

- Ferrocement: Analysis, Design and Conservation - Short Course, Torino, Italy, May 02-11, 2018
- Ferro-12, Belo Horizonte, Brazil, July 15-18, 2018
- 1<sup>st</sup> regional meeting on the use of FRP/FRCM in construction, Havana, Cuba, November 26-30, 2018
- Site visit to Unlimited Designs on 03/26 from 3:00 PM
- From the floor

**5. Status on membership**

- Aldea to report on current membership

**6. Active Committee Documents:**

Decisions to be made on appropriate action for expiring documents

- **549R-18:**  
Report on Ferrocement. Published
- **549.1R-93 reapproved 2009:**  
Guide for the Design, Construction & Repair of Ferrocement (Reapproved 2009). Completed committee ballots, document to TAC
- **549.2R-04 reapproved 2013:**  
Report on Thin Reinforced Cementitious Products (Reapproved 2013)
- **549.3R-09 reapproved 2017:**  
Report on Glass Fiber-Reinforced Concrete Premix. 549.3R-09 (Reapproved 2017)." The document will be re-published with the minor changes and the new designation.
- **549.4R-13:**  
Guide to Design and Construction of Externally Bonded Fabric-Reinforced Cementitious Matrix (FRCM) Systems for Repair and Strengthening Concrete and Masonry Structures
- **549.5R-16:**  
Report on Spray-up and Continuous Strand Glass Fiber Reinforced Concrete (GFRC)

**7. Documents Under Development:**

Report on progress and timeline:

- New document from L0: first ballot at the sub level of FRCM Systems for Repair and Strengthening Masonry Structures
- 549.4R-13: Guide to Design and Construction of Externally Bonded Fabric-Reinforced Cementitious Matrix (FRCM) Systems for Repair and Strengthening Concrete and Masonry Structures. **Looking into a revision to correct some mistakes while waiting for sub L0 to complete its work on masonry**
  - To distinguish the different specifications used for new and existing structures.
  - Fatigue threshold and serviceability limits.
  - Remove limit to 50% strength increase
  - Update the MSJC11 to MSJC13 (major upgrade is the masonry properties)
  - Update the ASCE41-06 to ASCE41-13 (major upgrade is the shear strength of walls under in-plane loads)

#### 8. Subcommittee activities

- ACI Sub L0 – G. De Felice
- ACI Sub L1 – B. Mobasher (Not established)

#### 9. Liaison Member Reports

- ACI 440 – A. Nanni
- ACI 544 – J. Jones
- ACI 239 – L. Rowland
- ASTM C09, C17 and ASTM C27 – TBD
- RILEM subcommittee xxx – B. Mobasher

#### 10. Meeting time for next Convention

Next meeting day and time (consistent with Subs L0 and L1). Proposed:

- L0 Sunday 8:00-noon (or 10:00 depending on L1)
- L1 Sunday 10:00-noon (to be confirmed)
- Main Sunday noon-2:00

#### 11. New Business

- Updated committee goals

#### 12. Around the table (time allowing)

Presentations of current activities by members and guests

#### 13. Adjourn