

**ACI COMMITTEE 369-F**  
**SEISMIC REPAIR AND REHABILITATION: RETROFIT**

ACI Spring Convention  
Sunday, March 25, 2018  
Salt Lake City, UT

GA-Bagatelle  
3:00 – 5:30 pm  
**Draft Agenda**

1. Welcome and Introductions
2. Introduction
3. Summary of existing seismic rehabilitation/retrofitting documents:
  - a. ATC 40 (1996) – Seismic Evaluation and Retrofit of Concrete Buildings – Matias Hube
  - b. *fib* Bulletin 24 (2003) - Seismic Assessment and Retrofit of Reinforced Concrete Buildings – Nancy Varney
  - c. FEMA 308 (late 1990s) – Brian Kehoe
  - d. FEMA 547 (2006) –Techniques for the Seismic Rehabilitation of Existing Buildings – Saeed Fathali
  - e. ACI IPS 2 (2007) – Seismic Rehabilitation of Concrete Structures (JCI/ACI) – Alvaro Celestino
4. ACI 440F Coordination
  - a. Presentation of new seismic section of ACI 440.2R – Ravi Kanitkar
5. Short-term updates to ACI 369.1-20 (retrofitting)
  - a. Column retrofitting
    - i. Review and supplement jacketed column database (Brena, Birely, Fathali – verify database using 440.2R procedures)
    - ii. Other databases (Sezen)?
6. Medium-term update to ACI 369.1: Target 2023
  - a. Wall retrofitting (Hube, SantaMaria, Fathali, Celestino, Varney)
    - i. Shear
    - ii. Flexure
    - iii. Boundary elements
    - iv. Out of plane buckling
  - b. Suggest beginning to develop database from literature
7. Long-term updates to ACI 369.1 (beyond 2023)
  - a. Pier and spandrel retrofitting (punched walls)
  - b. Beam-column joints
  - c. Beams (shear mostly)
  - d. Foundations
  - e. Diaphragm retrofitting (collectors, chords, horizontal shear, punching shear)
  - f. Other elements
8. Next meeting – Fall 2018, Las Vegas, NV
9. Adjournment