

**AGENDA – Spring 2008 MEETING**  
**ACI 408 – Development and Splicing of Deformed Bars**

Sunday, March 30, 2008

8:30-11:30 am

Penthouse 1917

Hyatt Regency Century Plaza, Los Angeles, CA

**Technical Session:**

**Post-Installed Reinforcing Bars: Design and Qualification**

**Wednesday, April 2, 9:00 AM - 12:00 PM, PACIFIC**

1. Welcome
2. Introductions
3. Approval of the minutes from the Fall 2008 Puerto Rico meeting
4. Membership changes / Balance of Committee

TAC has initiated a new policy whereby two or more representatives from a single institution cannot serve as voting members without approval from TAC. One such case was resolved when Robert Frosch requested a change in membership status from voting to associate. The remaining conflicts in which two or more voting members from one institution exist are: (i) Scott Graham and Koray Tureyen from Wiss Janney Elstner Associates; (ii) Neil Hawkins and James LaFave from the University of Illinois; (iii) Adolfo Matamoras, JoAnn Browning, and David Darwin from the University of Kansas.

**Recent Membership Changes**

<b>Name</b>	<b>Level</b>	<b>Organization</b>
James LaFave	Voting	University of Illinois
Robert G. Smith	Voting	Independent Consultant
Clifford Sabo	Associate	Dywidag Systems International
Hannes A. Spieth	Associate	Fischerwerke (Germany)
Gangolu Appa Rao	Associate	Indian Inst. of Technology Madras
Pandu Rangan Krishnamurthy	Associate	Indian Inst. of Technology Madras
Benjamin T. Cross	Associate	Virginia Tech (student)
<b>Changed Classification Status:</b>		
Gyorgy Balazs	Consulting	Budapest Univ. of Tech. & Econ.
Denis Mitchell	Consulting	McGill University
Robert J. Frosch	Associate	Purdue University

The current balance of the committee is as follows (voting members only):

Academic / Researcher:	16
Private Researcher / Designer / Organization Rep.:	8
Producer:	7

**Summary of Voting Membership (as of March 23, 2008):**

Matamoros, Adolfo B	Academic/Researcher	University of Kansas
Thompson, M. Keith	Academic/Researcher	UW - Platteville
Ahlborn, Theresa M	Academic/Researcher	Michigan Tech
Barnes, Robert W	Academic/Researcher	Auburn University
Browning, JoAnn P	Academic/Researcher	University of Kansas
Cleary, Douglas B	Academic/Researcher	Rowan University
Darwin, David	Academic/Researcher	University of Kansas
Devries, Richard A	Academic/Researcher	Milwaukee School of Engrg
Eligehausen, Rolf	Academic/Researcher	University of Stuttgart
Hamad,Bilal	Academic/Researcher	American University of Beirut
Hawkins, Neil M	Academic/Researcher	University of Illinois
LaFave, James M	Academic/Researcher	University of Illinois
Leon, Roberto T	Academic/Researcher	Georgia Institute of Technology
Pantazopoulou, Stavroula J	Academic/Researcher	Demokritus University of Thrace
Porter, Max L	Academic/Researcher	Iowa State University
Ramirez,Julio	Academic/Researcher	Purdue University
Cox, James	Researcher	Sandia National Laboratories
Felder,Anthony	Organization Rep.	CRSI
Zehrt, William H	Organization Rep.	DoD Explosives Safety Board
Ericson, Alvin C	Designer	High Concrete Structures, Inc.
Graham, Scott K	Designer	Wiss Janney Elstner Associates
Lutz, LeRoy A	Designer	Computerized Struct Design
Tureyen, Ahmet Koray	Designer	Wiss Janney Elstner Assoc Inc
Zuo, Jun	Designer	Constructive Engrg Design Inc
Braun,Jean-Jacques	Producer	Dextra
Caldwell, James L	Producer	Dayton Superior
Colarusso, Louis	Producer	ERICO
Dahl,Christian	Producer	Headed Reinforcement Corp
Holdsworth, Steven E	Producer	Barsplice Products Inc
Silva, John F	Producer	Hilti North America
Smith, Robert G	Producer	Independent Consultant

5. Joint Committees – Consideration of becoming an ACI-ASCE committee. Update, resolution from TAC.

6. Request to modify mission statement assigned by TAC. Update, resolution from TAC.

The idea of balloting the various mission statements with the new committee line-up was presented to TAC. They requested that he ballot be postponed until after the LA meeting.

7. Update of “State-of-the-Art Report: Bond under Cyclic Loads (ACI 408.2R-92) (Reapproved 2005),” JoAnn Browning

This document will need a reapproval soon. TAC has requested an update of its status.

8. Ballot results for “Mechanical Reinforcing Bar Anchorage” ACI 408.4R-XX (Keith Thompson)

	<b>Aff.</b>	<b>Aff. w/ Com.</b>	<b>Neg.</b>	<b>Abs.</b>	<b>Not Retd.</b>
	<b>8</b>	<b>5</b>	<b>6</b>	<b>0</b>	<b>11</b>
Caldwell,James	X				
Eligehausen,Rolf	X				
Ericson,Alvin	X				
Graham,Scott	X				
Leon,Roberto	X				
Matamoros,Adolfo	X				
Thompson,Michael	X				
Zehrt,William	X				
Browning,JoAnn		X			
Cleary,Douglas		X			
Felder,Anthony		X			
LaFave,James		X			
Pantazopoulou,Stavroula		X			
Braun,Jean-Jacques			X		
Colarusso,Louis			X		
Dahl,Christian			X		
Darwin,David			X		
Devries,Richard			X		
Holdsworth,Steven			X		
Ahlborn,Theresa					X
Barnes,Robert					X
Cox,James					X
Hamad,Bilal					X
Hawkins,Neil					X
Lutz,LeRoy					X
Porter,Max					X
Ramirez,Julio					X
Silva,John					X
Tureyen,Ahmet					X
Zuo,Jun					X

9. Update in changes to Chapter 12 of ACI 318

10. Development length of D45 wire.

11. Bond of FRP Reinforcement – State-of-the-Art report

12. State-of the-Art Report on Bond Models, Adolfo Matamoros

13. Technical session requests (updates)

- Post installed reinforcing bars: design and qualification. Session will take place on Wednesday morning. Committee members are encouraged to attend.

- Sessions Honoring Dave Darwin, Saint Louis

14. Research presentations

*Design Recommendation of Anchoring Reinforcing Bars in Steel Concrete Composite Walls*, Oan Chul Choi, Soongsil University, Korea.

15. Other business

16. Next meeting

17. Adjournment

## Technical Session Program

### Post-Installed Reinforcing Bars: Design and Qualification Wednesday, April 2, 9:00 AM - 12:00 PM, PACIFIC

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#### **Design of Post-Installed Reinforcement for Adverse Conditions**

**Presented by:** John Silva

**Affiliation:** Hilti North America

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#### **Design and Qualification of Post-Installed Reinforcement**

**Presented by:** Rolf Eligehausen

**Affiliation:** University of Stuttgart

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#### **Testing and Acceptance Criteria for Post-Installed Rebar Systems**

**Presented by:** Hannes Spieth

**Affiliation:** Fischerwerke

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#### **Design of Moment Resisting Connections with Post-Installed Reinforcement**

**Presented by:** Jakob Kunz

**Affiliation:** Hilti AG Fastening Systems

**Handout #1: J. Kunz: Moment Resisting Connections with Post-Installed Reinforcement**

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#### **Experiences with Epoxy-Grouted Reinforcement at UNL's Memorial Stadium**

**Affiliation:** Wiss, Janney, Elstner, and Associates, Inc.

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#### **Experiences with Epoxy-Grouted Reinforcement at UNL's Memorial Stadium**

**Presented by:** Neil Anderson

**Affiliation:** Wiss, Janney, Elstner, and Associates, Inc.

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#### **Influence of Cyclic Loading on the Behavior of Post-Installed Reinforcing**

**Presented by:** Isabelle Simons

**Affiliation:** Adolf Wurth GmbH & Co KG