

Meeting Agenda
ACI Committee 236: Material Science of Concrete
Monday, October 21, 2013 4:30-5:30pm
C-211B
Phoenix, AZ USA

1. Introductions
2. Purpose of meeting and review of agenda
3. Membership update
4. Review and approval of meeting minutes from Spring 2013
5. Report from TAC contact Clarissa Ferraris
6. Sub-Committee and Task Group Reports (Note: TG4 was terminated after Sp 2013 meeting)

Sub-committee/Task Group	Chair	Meeting time	Location
236-D Nanotechnology of Concrete	Sobolev	Sun 3:30pm-5:00pm Tue 1:00pm-3:00pm	C-102 B C-103 B
236-TG1 Advanced Analysis Techniques for Concrete	Shao	Tue 3:00pm-4:00pm	C-103 B
236-TG2 Sustainability Engineered by Materials Science	Rajabipour	Tue 11:30am-12:30pm	H-COWBOY

SC/TG Documents

- 236.XR: Advanced Analysis Techniques for Hardened Concretes
Note: Being reviewed by TAC Sun 10:00-11:00 am H-Curtis A
- 236R: Report on Application of Nanotechnology and Nanomaterials in Concrete

7. Liaison with other Committees

236 Member	Liaison to:
Kim Kurtis	EAC
Jan Olek	123, 211, 234
Farshad Rajabipour	130
Tyler Ley	130A
Jason Ideker	201
Christopher Ferraro	207, 224
David McDonald/Mahmoud Reda Taha	209
Prasad Rangaraju	221, 232, 233
Andrew Boyd	228
Maria Juenger/Zach Grasley	231
Clarissa Ferraris	238, 552
Dale Bentz	308
Jason Weiss	365
Narayanan Neithalath	522
Mahmoud Reda Taha	548
Other?	Other?

8. Update on publications in *Concrete International*
Papers published since the last convention

Ideker, Gosselin, Barborak, "An Alternative Repair Material", CI April 2013.

Papers under review

One paper under review currently

Papers with abstracts approved by R. Donahey

Alkali-activated slags – S. Peethamparan and A. Radlinska

Papers suggested but not (yet) submitted

- Structural concrete with lightweight synthetic particles – M. D’Ambrosia
- Classification of Fly Ash with new characterization techniques – T. Ley
- Methods for testing concrete for permeability on site – M. Basheer and M. Nokken
- Self-healing and bio-inspired materials – Mondal and Ferron

9. Sessions at this convention:

“Bio-Inspired Construction Materials”

Mondal and Wang

Wednesday, October 23, 11:00AM – 1:00PM, H-Ellis East

10. Future sessions:

SP and session deadlines: http://www.concrete.org/Technical/documents/130930-B-SP_and_Technical_Sessions_Deadlines_000.pdf

Spring 2014 – Reno, NV

(Final request by October 25, 2013)

- Cementitious Materials for Nuclear Waste Containment (Kurtis, Sanchez, Juenger, with Cozzi)
- Hydration of Low Portland Cement Binders, Part I: Recent Advances in Experiments and Modeling (Bullard and Sant)

Fall 2014 – Washington, DC

(Submit prelim. session request by October 25, 2013; SP deadline is past)

- Aggregate Optimization and Packing (K. Sobolev with help from Eric Kohler and Raissa Ferron)
- Novel Characterization Techniques and Advanced Cementitious Materials: Tribute to James J. Beaudoin (M. Pour-Ghaz with help from A. Alizadeh)
- In situ transport measurements (co-sponsor with 228, M. Nokken and A. Boyd). Call for papers in CI: abstracts submitted by March 1, 2014 to co-organizers.

Suggestions with unspecified future dates

Sp 2015 Kansas City (SP request deadline is past) – F 2015 Denver – Sp 2016 Milwaukee – F 2016 Philadelphia – Sp 2017 Detroit

- Inorganic mineral replacements in concrete (with an interest in high volume replacements >50%) (Sant) perhaps with 231 and 130
- By-product utilization center started by Naik would be good for Milwaukee in Spring 2016 (Sobolev) perhaps session in honor of Naik with 232 and 130
- Type II Cement (Ideker)
- Advanced analysis techniques (J. Hartell and Shao)
- Cement-admixture interactions (Kamal Khayat, Tyler Ley)

11. New Business and Announcements

- ACI co-sponsored: Tradition and Innovation Conference – 60 Years of Construction in Transilvania, Technical University of Cluj-Napoca, November 7-9, 2013, Cluj-Napoca, Romania
- CIC 2014, Oslo, Norway, June 11-13, 2014 (<http://www.cic2014.com>)
- The Corvallis Workshops: Innovative Characterization Tools to Assess Performance of Cement-Based Materials, Corvallis, Oregon, July 15-18, 2014
- 10th fib International PhD Symposium in Civil Engineering, Quebec, Canada, July 20-23, 2014

- ACI co-sponsored: 1st International Conference on Construction Materials and Structures (ICCMATS), 24-26 November 2014, Johannesburg, South Africa
- ACI co-sponsored: NICOM 5, Chicago May 2015 (www.nicom5.org)
- ACI co-sponsored: International Symposium on Non-Destructive Testing in Civil Engineering (NDT-CE), September 15 - 17, 2015, Berlin, Germany

12. Next meeting – Monday afternoon at ACI Spring 2014 in Reno

13. Adjourn

SP and Technical Session Deadlines	Phoenix, AZ Fall 2013 October 20-24, 2013	Reno, NV Spring 2014 March 23-27, 2014	Washington, DC Fall 2014 October 26-30, 2014	Kansas City, MO Spring 2015 April 12-16, 2015	Denver, CO Fall 2015 November 8-12, 2015	Milwaukee, WI Spring 2016 April 17-21, 2016	Deadline Requirements
<i>Convention Theme</i>	<i>Innovation in Conservation</i>	<i>Concrete Endures</i>	<i>Spanning the Globe</i>	<i>Fountains of Concrete Knowledge</i>	<i>TBD</i>	<i>TBD</i>	<i>Please contact staff if the deadlines cannot be met</i>
Preliminary Session Request	October 26, 2012	April 19, 2013	October 25, 2013	March 28, 2014	October 31, 2014	April 17, 2015	Friday after the Convention one year before the Session
Call for Papers in <i>Concrete International</i> requested	June 20, 2012	November 21, 2012	June 26, 2013	December 11, 2013	July 9, 2014	December 17, 2011	16 Months before the Session but after Preliminary Approval received
All Abstracts received by Moderator	February 18, 2013	July 22, 2013	February 24, 2014	August 11, 2014	March 9, 2015	August 16, 2012	8 Months before the Session
(Co)Moderator Training completed	April 14, 2013	October 20, 2013	March 23, 2014	October 26, 2014	April 12, 2015	November 8, 2015	At least one Convention before the Session
Final Session Request	April 19, 2013	October 25, 2013	March 28, 2014	October 31, 2014	April 17, 2015	November 13, 2015	Friday after the preceding Convention (late submissions cannot be accepted)
SP Preliminary Request if it is to be available at Session	April 20, 2012	September 21, 2012	April 26, 2013	October 11, 2013	May 9, 2014	October 17, 2011	18 Months before the Session
SP Final Material if it is to be available at Session	July 20, 2013	December 21, 2013	July 26, 2014	January 10, 2015	August 8, 2015	January 15, 2013	3 Months before the Session
SP Final Material if produced after Session	October 20, 2015	March 22, 2016	October 25, 2016	April 11, 2017	November 7, 2017	April 17, 2015	2 Years after the Session at the latest