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**Meeting Agenda**  
**ACI Committee 236: Material Science of Concrete**  
**Monday, March 24, 2013 4:30-5:30pm**  
**Crystal 3&4**  
**Reno, NV USA**

1. Introductions
2. Purpose of meeting and review of agenda
3. Membership update
4. Review and approval of meeting minutes from Fall 2013
5. Report from TAC contact Clarissa Ferraris
6. Sub-committee and task group reports (Note: TG4 was terminated after Sp 2013 meeting and TG2 was terminated after Fa 2013 meeting)

<b>Sub-committee/Task Group</b>	<b>Chair</b>	<b>Meeting time</b>	<b>Location</b>
236-D Nanotechnology of Concrete	Sobolev	Sun 3:30pm-5:00pm Tue 1:00pm-3:00pm	N-6 Sierra 2
236-TG1 Advanced Analysis Techniques for Concrete	Shao	Sun 2:00pm – 3:00pm	N-8

SC/TG Documents

- 236.XR: Advanced Analysis Techniques for Hardened Concretes
- 236R: Report on Application of Nanotechnology and Nanomaterials in Concrete

7. Liaison with other Committees

<b>236 Member</b>	<b>Liaison to:</b>
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  
None

Papers upcoming

“A Resistivity-Based Approach to Optimizing Concrete Performance” by Elizabeth I. Nadelman and Kimberly E. Kurtis to be published in the May issue

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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 – P. Mondal and R. Ferron
- Alkali-activated slags – S. Peethamparan and A. Radlinska

9. Sessions at this convention:

[Hydration of Low Portland Cement Binders: Industry Experience and Needs, Part 1 of 2](#)

J. Bullard and G. Sant

Monday, March 24, 2014 8:30 AM - 9:00 AM, CARSON 3

[Hydration of Low Portland Cement Binders: Recent Advances in Experiments and Modeling, Part 2 of 2](#)

J. Bullard and G. Sant

Monday, March 24, 2014 11:00 AM - 12:00 PM, CARSON 3

10. Future sessions:

SP and session deadlines:

<http://www.concrete.org/Portals/0/Files/PDF/SPandTechnicalSessionDeadlines.pdf>

Fall 2014 – Washington, DC

**(Final session request March 28, 2014)**

- [Aggregate Optimization and Packing](#) (K. Sobolev, E. Kohler, R. Ferron)
- [Novel Characterization Techniques and Advanced Cementitious Materials: Tribute to James J. Beaudoin, Part 1 and 2](#) (M. Pour-Ghaz, A. Alizadeh)
- [In situ Transport Measurements](#) (M. Nokken, A. Boyd)

Spring 2015 – Kansas City

**(Submit prelim. session request by March 28, 2014; SP deadline is past)**

- [What is New in Cellular Concrete?](#)
- Cement-admixture interactions (K. Khayat, T. Ley)

Suggestions with unspecified future dates

**F 2015 Denver – Sp 2016 Milwaukee – F 2016 Philadelphia – Sp 2017 Detroit – F 2017 Anaheim**

- Inorganic mineral replacements in concrete (with an interest in high volume replacements >50%)  
Sp 2015? (G. Sant)
- By-product utilization Sp 2016? (K. Sobolev)
- Type II cement (J. Ideker)
- Measurement methods for early age deformations (J. Ideker & G. Sant)
- Nanomaterials for structural applications (M. Reda Taha)

11. New business and announcements

12. Next meeting – Monday afternoon at ACI Fall 2014 in Washington, D.C.

13. Adjourn

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	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	Philadelphia, PA Fall 2016 October 23-27, 2016	Deadline Requirements
<i>Convention Theme</i>	<i>Concrete Endures</i>	<i>Spanning the Globe</i>	<i>Fountains of Concrete Knowledge</i>	<i>Constructibility</i>	<i>TBD</i>	<i>TBD</i>	<i>Please contact staff if the deadlines cannot be met</i>
Preliminary Session Request	April 19, 2013	October 25, 2013	March 28, 2014	October 31, 2014	April 17, 2015	November 13, 2015	Friday after the Convention one year before the Session
Call for Papers in <i>Concrete International</i> requested	November 21, 2012	June 26, 2013	December 11, 2013	July 9, 2014	December 17, 2014	June 24, 2015	16 Months before the Session but after Preliminary Approval received
All Abstracts received by Moderator	July 22, 2013	February 24, 2014	August 11, 2014	March 9, 2015	August 17, 2015	February 22, 2016	8 Months before the Session
(Co)Moderator Training completed	October 20, 2013	March 23, 2014	October 26, 2014	April 12, 2015	November 8, 2015	April 17, 2016	At least one Convention before the Session
<b>Final Session Request</b>	October 25, 2013	March 28, 2014	October 31, 2014	April 17, 2015	November 13, 2015	April 22, 2016	Friday after the preceding Convention (late submissions cannot be accepted)
SP Preliminary Request if it is to be available at Session	September 21, 2012	April 26, 2013	October 11, 2013	May 9, 2014	October 17, 2014	April 24, 2015	18 Months before the Session
SP Final Material if it is to be available at Session	December 21, 2013	July 26, 2014	January 10, 2015	August 8, 2015	January 16, 2016	July 23, 2016	3 Months before the Session
SP Final Material if produced after Session	March 22, 2016	October 25, 2016	April 11, 2017	November 7, 2017	April 17, 2018	October 23, 2018	2 Years after the Session at the latest