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**Meeting Agenda**  
**ACI Committee 236: Material Science of Concrete**  
**Monday, October 16, 2017 4:30-5:30pm**  
D-Monorail B-C  
**Anaheim, CA USA**

1. Introductions
2. Purpose of meeting and review of agenda
3. Membership update
4. Review and approval of meeting minutes from Fall 2017
5. Report from TAC contact Kimberly Kurtis
6. Sub-committee and task group reports

<b>Sub-committee/Task Group</b>	<b>Chair</b>	<b>Meeting time</b>	<b>Location</b>
236-TG1      Advanced Analysis Techniques for Concrete	J. Hartell	Sun 3-4 pm	P-Pacific Ballroom A

SC/TG Documents

- 236.XR: Advanced Analysis Techniques for Hardened Concretes (J. Hartell)

7. Liaison with other Committees

<b>236 Member</b>	<b>Liaison to:</b>
--	EAC
Jan Olek	123, 211, 234
--	130
Tyler Ley	130A
Jason Ideker	201
Christopher Ferraro	207, 224
Matthew D'Ambrosia/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
Konstantin Sobolev	241
John Provis	RILEM
	Other?

8. Update on publications in *Concrete International*

Papers published since the last convention

None

Papers suggested but not (yet) submitted

- Methods for testing concrete for permeability on site – M. Basheer and M. Nokken
- Self-healing and bio-inspired materials – P. Mondal, R. Ferron, and S. Williams
- An innovative approach for formulating ASR resistant mixtures – A. Mukhopadhyay and K.-W. Liu
- Aggregate optimization for SCC - K. Sobolev

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- Effect of magnesium chloride deicer on concrete – X. Shi
- X-ray CT for cement-based materials – T. Deboodt, J. Clark, D. Lange, J. Ideker, B. Isgor

Email 236 Chair if you have an idea for a paper.

9. Sessions at this convention:

**Early-Age Property Development in Concrete with Supplementary Cementing Materials, Part 1 of 2**

Sun, October 15, 2017 8:00 AM - 10:00 AM, D-Disneyland South B

**Early-Age Property Development in Concrete with Supplementary Cementing Materials, Part 2 of 2**

Sun, October 15, 2017 10:30 AM - 12:30 PM, D-Disneyland South B

**Concrete and Digital Fabrication: Perspectives, Challenges, and Developments, Part 1 of 2**

Mon, October 16, 2017 11:00 AM - 1:00 PM, D-Disneyland North B

**Concrete and Digital Fabrication: Perspectives, Challenges, and Developments, Part 2 of 2**

Mon, October 16, 2017 1:30 PM - 3:30 PM, D-Disneyland North B

10. Future sessions:

SP and session deadlines:

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

Spring 2018 Salt Lake City

**(Submit prelim. session request by March 31, 2017; Submit final session request by October 20, 2017)**

- Compatibility of chemical admixtures (Mondal, Tregger, and Ferron; also communicated with Khayat for co-sponsorship)
- Concrete Modulus of Elasticity – What are the Limits? (Van Bui, Charles Nmai, Surendra Shah). Have submitted final session request.

Fall 2018 Las Vegas

**(Submit prelim. session request by October 20, 2017; Submit final session request by March 30, 2018)**

- Analytical Techniques Bringing the Nanoscale to the Bigger World (J. Hartell & A. Boyd)
- Materials science of aggregates and their role in concrete performance (J. Ideker) Co-sponsored with 221 (Dave Rothstein)
- Phase Change Materials in Concrete (H. Ma)

Spring 2019 Quebec City

**(Submit prelim. session request by March 30, 2018; Submit final session request by October 19, 2018)**

- Nothing works for ASR (J. Ideker & F. Rajabipour)

Suggestions with unspecified future dates

**S 2019 Quebec City – Fall 2019 Cincinnati**

- Bio-Based Cementitious Materials (A. Ghahremaninezhad)
- Nanoceramics (M. Nokken)

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11. New business and announcements
12. Next meeting – Monday afternoon at ACI Spring 2018 in Salt Lake City, Utah
13. Adjourn

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SP and Technical Session Deadlines

	Philadelphia, PA Fall 2016 October 23-27, 2016	Detroit, MI Spring 2017 March 26-30, 2017	Anahiem, CA Fall 2017 October 15-19, 2017	Salt Lake City, UT Spring 2018 March 25-29, 2018	Las Vegas, NV Fall 2018 October 14-18, 2018	Quebec City, Quebec Canada Spring 2019 March 24-28, 2019	Deadline Requirements
Convention Theme	<i>Revolutionary Concrete</i>	<i>Driving Concrete Technnology</i>	<i>Making Connections</i>	<i>Grand America &amp; Little America</i>	TBD	TBD	<i>Please contact staff if the deadlines cannot be met</i>
Preliminary Session Request	November 13, 2015	April 22, 2016	October 28, 2016	May 1, 2017	October 20, 2017	April 30, 2018	Friday after the Convention one year before the Session
Call for Papers in <i>Concrete International</i> requested	June 24, 2015	December 26, 2015	June 15, 2016	December 24, 2016	June 14, 2017	December 23, 2017	16 Months before the Session
All Abstracts received by Moderator	February 22, 2016	August 25, 2016	February 13, 2017	August 24, 2017	February 12, 2018	August 23, 2018	8 Months before the Session
(Co)Moderator Training completed	April 17, 2016	October 23, 2016	April 26, 2017	October 15, 2017	April 25, 2018	October 14, 2018	At least one Convention before the Session
Final Session Request	April 22, 2016	October 28, 2016	May 1, 2017	October 20, 2017	April 30, 2018	October 19, 2018	Friday after the preceding Convention (late submissions cannot be accepted)
SP Preliminary Request if it is to be available at Session	April 24, 2015	October 26, 2015	April 15, 2016	October 24, 2016	April 14, 2017	October 23, 2017	18 Months before the Session
SP Final Material if it is to be available at Session	July 23, 2016	January 24, 2017	July 15, 2017	January 23, 2018	July 14, 2018	January 22, 2019	3 Months before the Session
SP Final Material if produced after Session	October 23, 2018	April 26, 2019	October 15, 2019	April 24, 2020	October 13, 2020	April 23, 2021	2 Years after the Session at the latest

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Other upcoming conferences of interest:

- ACI co-sponsored 3rd International Congress on Durability of Concrete (ICDC), Adelaide Convention Centre, Adelaide, Australia, October 22– 25, 2017.
- 16<sup>th</sup> International Conference on Polymers in Concrete (ICPIC), Washington DC, May 2018.
- 9<sup>th</sup> Advances in Cements Based Materials (American Ceramic Society Cements Division Meeting), State College, Pennsylvania, June 11-12, 2018.
- Conference celebrating the Laboratory of Construction Materials (EPFL) Centennial and Karen Scrivener 60th Birthday, 19-22 August 2018, Lausanne, Switzerland <http://lmc.epfl.ch/birthdays2018>
- ACI co-sponsored 6th International Conference on Durability of Concrete Structures (ICDCS 2018), September 17-19, 2018, Belfast, Ireland, UK
- ACI co-sponsored 12th International Conference on Superplasticizers and other Chemical Admixtures in Concrete, and 14th International Conference on Advances in Concrete Technology, Beijing International Convention Center, October 28 – November 1, 2018, Beijing, China.
- NICOM6 in Hong Kong, December 2-5, 2018.
- ACI co-sponsored 3rd R N Raikar Memorial International Conference and “Gettu-Kodur” International Symposium on Advances in Science and Technology of Concrete, December 14 - 15, 2018, Mumbai, India.
- ACI co-sponsored 4th International Conference on Structures and Architecture (ICSA2019), July 24-26, 2019, Lisbon, Portugal.
- 15<sup>th</sup> International Congress on the Chemistry of Cement, Prague, September 16-20, 2019 [www.iccc2019.org](http://www.iccc2019.org)

Websites listing additional relevant conferences:

<http://www.rilem.org/gene/main.php?base=600040>

<http://www.concrete.org/Events/EventsCalendar.aspx>