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Meeting Agenda
ACI Committee 236: Material Science of Concrete
Monday, March 27, 2017 4:30-5:30pm
H-Columbus
Detroit, MI 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

Sub-committee/Task Group	Chair	Meeting time	Location
236-TG1 Advanced Analysis Techniques for Concrete	J. Hartell	Sun 3-4 pm	H-Mackinac East

SC/TG Documents

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

7. Liaison with other Committees

236 Member	Liaison to:
--	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

C. Ferraro, "From Trash to Treasure," *Concrete International*, November 2016.

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 or SCC - K. Sobolev

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- Effect of magnesium chloride deicer on concrete – X. Shi
Email M. Juenger if you have an idea for a paper.

9. Sessions at this convention:

Connecting Materials Science and Durability Prediction

Tue, March 28, 2017 1:00 PM - 3:00 PM, H-Ambassador Salon 2

Dispersion of Nanoparticles in Cement-Based Materials: Can We Stay Apart?

Mon, March 27, 2017 8:30 AM - 10:30 AM, H-Ambassador Salon 3

10. Future sessions:

SP and session deadlines:

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

Fall 2017 Anaheim

(Submit prelim. session request by October 28, 2016; Submit final session request by March 31, 2017)

- Early Age Property Development in Concrete with Supplementary Cementing Materials, Part 1 of 2 ACI Fall Convention 2017 - Anaheim, CA (G. Sant & N. Neithalath)
- Early Age Property Development in Concrete with Supplementary Cementing Materials, Part 2 of 2 ACI Fall Convention 2017 - Anaheim, CA (G. Sant & N. Neithalath)
- Concrete and Digital Fabrication: Perspectives, Challenges and Developments (S. Monkman, M. Sonebi)

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)

Suggestions with unspecified future dates

F 2018 Las Vegas – S 2019 Quebec City – Fall 2019 Cincinnati

- Bio-Based Cementitious Materials (A. Ghahremaninezhad)
- Do We Need a Type VI Cement? (J. Ideker and C. Ferraro)
- Materials science of aggregates and their role in concrete performance (J. Ideker) Co-sponsored with 221 (Dave Rothstein)
- Nanoceramics (M. Nokken)
- Nothing works for ASR (J. Ideker & F. Rajabipour)
- Compatibility of chemical admixtures (Mondal, Tregger, and Ferron; also communicated with Khayat for co-sponsorship)
- Advanced Analytical Techniques (research that utilized the analytical techniques to generate interest in the documents). (J. Hartell & A. Boyd)

11. New business and announcements

12. Next meeting – Monday afternoon at ACI Fall 2017 in Anaheim, CA

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
<i>Convention Theme</i>	<i>Revolutionary Concrete</i>	<i>Driving Concrete Technnology</i>	<i>Making Connections</i>	<i>Grand America & Little America</i>	<i>TBD</i>	<i>TBD</i>	<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	18 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:

- Structure and Reactivity of Cementitious Materials from Advanced Characterization Techniques, session as part of the Division Geochemistry program of the next American Chemical Society meeting, in San Francisco (USA), April 2-6th 2017. ***Abstracts due Oct. 31.*** <https://callforpapers.acs.org/sanfran2017>
- ACI co-sponsored Nanomaterials and Nanotechnologies in Construction: Theory, Practice, and Technical Regulations, Moscow State University of Civil Engineering, April 18-19, 2017, Moscow, Russia
- “Euroseminar on Microscopy Applied to Building Materials. 14-17 May 2017 in Les Diablerets, Switzerland. <http://emabm2017.epfl.ch/>
- ACI co-sponsored 2nd International Conference on Bio-Based Building Materials (ICBBM 2017), June 21-23, 2017, Aubiere Cedex, France <https://sites.google.com/site/icbbm2015/home>
- ACerS Cements Division Meeting, 8th Advances in Cement Based Materials (Cements 2017), Georgia Tech, Atlanta, Georgia, June 26-28, 2017. <http://ceramics.org/cements2017>
- The Corvallis Workshops, 3rd Meeting, Service Life Prediction of Concrete, Oregon State University, Corvallis Oregon, July 16-19, 2017.
- 6th International Conference on Durability of Concrete Structures, July 18-20, 2017, University of Leeds, UK.
- ACI Co-sponsored 42nd Conference on “Our World in Concrete & Structures” – A Sustainable and Resilient World in Concrete”, Goodwood Park Hotel, Singapore, 23-25 August 2017
- 10th ACI/RILEM International Conference on Cementitious Materials and Alternative Binders for Sustainable Concrete, Montreal, October 2-4, 2017. <http://iccm2017.evenement.usherbrooke.ca>
- ACI co-sponsored 3rd International Congress on Durability of Concrete (ICDC), Adelaide Convention Centre, Adelaide, Australia, October 22– 25, 2017.
- 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.
- 16th International Conference on Polymers in Concrete (ICPIC), Washington DC, May 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> (***abstracts due March 31; intention to participate.***)
- NICOM6 in Hong Kong, 2018.
- 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.
- ACI co-sponsored 4th International Conference on Structures and Architecture (ICSA2019), July 24-26, 2019, Lisbon, Portugal.
- 15th International Congress on the Chemistry of Cement, Prague, September 16-20, 2019 www.iccc2019.org

Websites listing additional relevant conferences:

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

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