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Meeting Agenda
ACI Committee 236: Material Science of Concrete
Monday, October 24, 2016 4:30-5:30pm
Franklin 8
Philadelphia, PA USA

1. Introductions
2. Purpose of meeting and review of agenda
3. Membership update
4. Review and approval of meeting minutes from Spring 2016
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	Grand Ball Salon G

SC/TG Documents

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

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
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
Other?	Other?

8. Update on publications in *Concrete International*

Papers published since the last convention

P. Suraneni, V.J. Azad, O.B. Isgor, W.J. Weiss, "The Role of Deicing Salts on the Durability of Concrete Pavements and Joints," *Concrete International*, April, 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 and R. Ferron
- An innovative approach for formulating ASR resistant mixtures – A. Mukhopadhyay and K.-W. Liu.

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- Aggregate optimization or SCC - K. Sobolev
- Rheology and its interpretation for cement-based materials – K. Khayat
- 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:

Chemically Activated Binders for Concrete, Part 1 of 2

Monday, October 24, 2016 8:30 AM - 10:30 AM, GRAND BALLROOM SALON C - Maria G Juenger, Gaurav N Sant

Chemically Activated Binders for Concrete, Part 2 of 2

Monday, October 24, 2016 11:00 AM - 1:00 PM, GRAND BALLROOM SALON C - Maria G Juenger, Ivan Diaz-Loya

Nanotechnology for Improved Concrete Performance, Part 1 of 2

Wednesday, October 26, 2016 8:30 AM - 10:30 AM, GRAND BALLROOM SALON B - Mahmoud M Reda Taha

Nanotechnology for Improved Concrete Performance, Part 2 of 2

Wednesday, October 26, 2016 1:30 PM - 3:30 PM, GRAND BALLROOM SALON A - Mahmoud M Reda Taha

Using Service Life in Understanding Environmental Impacts

Tuesday, October 25, 2016 8:30 AM - 10:30 AM, GRAND BALLROOM SALON D - Jeremy Gregory, Sabbie Miller

10. Future sessions:

SP and session deadlines:

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

Spring 2017 Detroit

(Submit final session request by October 28, 2016)

Bio-Based Cementitious Materials

ACI Spring Convention 2017 - Detroit, MI

Connecting Materials Science and Durability Prediction, Part 2 of 2

ACI Spring Convention 2017 - Detroit, MI (Paul Tennis)

Connecting Materials Science and Durability Prediction, Part 1 of 2

ACI Spring Convention 2017 - Detroit, MI (Paul Tennis)

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

ACI Spring Convention 2017 - Detroit, MI (S. Kawashima, K. Wang, K. Sobolev)

Do We Need a Type VI Cement?, Part 1 of 2

ACI Spring Convention 2017 - Detroit, MI (Jason Ideker)

Do We Need Type VI Cement?, Part 2 of 2

ACI Spring Convention 2017 - Detroit, MI (Jason Ideker)

Thermal Testing and Calorimetry Applications for Concrete QC/QA, and Troubleshooting, Part 1 of 2

ACI Spring Convention 2017 - Detroit, MI (Tim Cost, Anton Schindler, Wayne Wilson)

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Thermal Testing and Calorimetry Applications for Concrete QC/AQ, and Troubleshooting, Part 2 of 2
ACI Spring Convention 2017 - Detroit, MI (Tim Cost, Anton Schindler, Wayne Wilson)

Fall 2017 Anaheim

(Submit prelim. session request by October 28, 2016; Submit final session request by May 1, 2017)

Early Age Property Development in Concrete with Supplementary Cementing Materials, Part 1 of 2
ACI Fall Convention 2017 - Anaheim, CA (?)

Early Age Property Development in Concrete with Supplementary Cementing Materials, Part 2 of 2
ACI Fall Convention 2017 - Anaheim, CA (?)

Suggestions with unspecified future dates

Sp 2018 Louisville – F 2018 Las Vegas – S 2019 Quebec City

- Materials science of aggregates and their role in concrete performance (J. Ideker) Co-sponsor with 221 (Dave Rothstein);
- Nanoceramics (M. Nokken);
- Nothing works for ASR (J. Ideker);

11. New business and announcements

12. Next meeting – Monday afternoon at ACI Spring 2017 in Detroit, MI

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:

- ACI co-sponsored 3rd International RILEM Conferences on Microstructure Related Durability of Cementitious Composites (Microdurability 2016), October 24-26, 2016, Nanjing, China
- 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>
- 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.
- 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 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.
- 15th International Congress on the Chemistry of Cement, Prague, September 16-20, 2019 www.iccc2019.org
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Websites listing additional relevant conferences:

- <http://www.rilem.org/gene/main.php?base=600040>
- <http://www.concrete.org/Events/EventsCalendar.aspx>