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

<table>
<thead>
<tr>
<th>Sub-committee/Task Group</th>
<th>Chair</th>
<th>Meeting time</th>
<th>Location</th>
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<tbody>
<tr>
<td>236-TG1 Advanced Analysis Techniques for Concrete</td>
<td>J. Hartell</td>
<td>Sun 3-4 pm</td>
<td>Grand Ball Salon G</td>
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SC/TG Documents
- 236.XR: Advanced Analysis Techniques for Hardened Concretes (J. Hartell)

7. Liaison with other Committees

<table>
<thead>
<tr>
<th>236 Member</th>
<th>Liaison to:</th>
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<tr>
<td>Kim Kurtis</td>
<td>EAC</td>
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<td>Jan Olek</td>
<td>123, 211, 234</td>
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<tr>
<td>Farshad Rajabiipur</td>
<td>130</td>
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<tr>
<td>Tyler Ley</td>
<td>130A</td>
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<td>Jason Ideker</td>
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<td>Christopher Ferraro</td>
<td>207, 224</td>
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<td>Matthew D’Ambrosia/Mahmoud Reda Taha</td>
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<tr>
<td>Prasad Rangaraju</td>
<td>221, 232, 233</td>
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<td>Andrew Boyd</td>
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<td>Maria Juenger/Zach Grasley</td>
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<td>Clarissa Ferraris</td>
<td>238, 552</td>
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<td>Dale Bentz</td>
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<tr>
<td>Jason Weiss</td>
<td>365</td>
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<td>Narayanan Neithalath</td>
<td>522</td>
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<td>Mahmoud Reda Taha</td>
<td>548</td>
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<tr>
<td>Konstantin Sobolev</td>
<td>241</td>
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<td>Other?</td>
<td>Other?</td>
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8. Update on publications in Concrete International
Papers published since the last convention

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
- 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)
NOTE: PRINTED COPIES WILL NOT BE AVAILABLE ONSITE!

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
# SP and Technical Session Deadlines

<table>
<thead>
<tr>
<th>Convention Theme</th>
<th>Revolutionary Concrete</th>
<th>Driving Concrete Technology</th>
<th>Making Connections</th>
<th>Grand America &amp; Little America</th>
<th>TBD</th>
<th>TBD</th>
<th>Deadline Requirements</th>
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<tr>
<td>Detroit, MI Spring 2017</td>
<td>March 26-30, 2017</td>
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<td>Anaheim, CA Fall 2017</td>
<td>October 15-15, 2017</td>
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<td>Salt Lake City, UT Spring 2018</td>
<td>March 25-29, 2018</td>
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<td>Las Vegas, NV Fall 2018</td>
<td>October 14-16, 2018</td>
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<tr>
<td>Quebec City, Quebec Canada Spring 2019</td>
<td>March 24-29, 2019</td>
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<tr>
<th>Event</th>
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<tr>
<td>Preliminary Session Request</td>
<td>November 13, 2015</td>
<td>April 22, 2016</td>
<td>October 28, 2016</td>
<td>May 1, 2017</td>
<td>October 20, 2017</td>
<td>April 30, 2018</td>
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<tr>
<td>All Abstracts received by Moderator</td>
<td>February 22, 2016</td>
<td>August 25, 2016</td>
<td>February 13, 2017</td>
<td>August 24, 2017</td>
<td>February 12, 2018</td>
<td>August 23, 2018</td>
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<tr>
<td>(Co)Moderator Training completed</td>
<td>April 17, 2016</td>
<td>October 23, 2016</td>
<td>April 25, 2017</td>
<td>October 15, 2017</td>
<td>April 25, 2018</td>
<td>October 14, 2018</td>
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<tr>
<td>Final Session Request</td>
<td>April 22, 2016</td>
<td>October 28, 2016</td>
<td>May 1, 2017</td>
<td>October 20, 2017</td>
<td>April 30, 2016</td>
<td>October 10, 2018</td>
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<tr>
<td>SP Preliminary Request if it is to be available at Session</td>
<td>April 24, 2015</td>
<td>October 20, 2015</td>
<td>April 15, 2016</td>
<td>October 24, 2016</td>
<td>April 14, 2017</td>
<td>October 23, 2017</td>
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<tr>
<td>SP Final Material if it is to be available at Session</td>
<td>July 29, 2016</td>
<td>January 24, 2017</td>
<td>July 15, 2017</td>
<td>January 23, 2018</td>
<td>July 14, 2018</td>
<td>January 22, 2019</td>
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<td>SP Final Material if produced after Session</td>
<td>October 23, 2016</td>
<td>April 20, 2019</td>
<td>October 15, 2019</td>
<td>April 24, 2020</td>
<td>October 15, 2020</td>
<td>April 23, 2021</td>
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Friday after the Convention one year before the Session
16 Months before the Session
8 Months before the Session
At least one Convention before the Session
Friday after the preceding Convention (date submissions cannot be accepted)
18 Months before the Session
3 Months before the Session
2 Years after the Session at the latest

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Please contact staff if the deadlines cannot be met.
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 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.

Websites listing additional relevant conferences:
- [http://www.concrete.org/Events/EventsCalendar.aspx](http://www.concrete.org/Events/EventsCalendar.aspx)