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

<table>
<thead>
<tr>
<th>Sub-committee/Task Group</th>
<th>Chair</th>
<th>Meeting time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>236-TG1</td>
<td>J. Hartell</td>
<td>Sun 3-4 pm</td>
<td>H-Mackinac East</td>
</tr>
</tbody>
</table>

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>
</tr>
</thead>
<tbody>
<tr>
<td>--</td>
<td>EAC</td>
</tr>
<tr>
<td>Jan Olek</td>
<td>123, 211, 234</td>
</tr>
<tr>
<td>--</td>
<td>130</td>
</tr>
<tr>
<td>Tyler Ley</td>
<td>130A</td>
</tr>
<tr>
<td>Jason Ideker</td>
<td>201</td>
</tr>
<tr>
<td>Christopher Ferraro</td>
<td>207, 224</td>
</tr>
<tr>
<td>Matthew D’Ambrosia/Mahmoud Reda Taha</td>
<td>209</td>
</tr>
<tr>
<td>Prasad Rangaraju</td>
<td>221, 232, 233</td>
</tr>
<tr>
<td>Andrew Boyd</td>
<td>228</td>
</tr>
<tr>
<td>Maria Juenger/Zach Grasley</td>
<td>231</td>
</tr>
<tr>
<td>Clarissa Ferraris</td>
<td>238, 552</td>
</tr>
<tr>
<td>Dale Bentz</td>
<td>308</td>
</tr>
<tr>
<td>Jason Weiss</td>
<td>365</td>
</tr>
<tr>
<td>Narayanan Neithalath</td>
<td>522</td>
</tr>
<tr>
<td>Mahmoud Reda Taha</td>
<td>548</td>
</tr>
<tr>
<td>Konstantin Sobolev</td>
<td>241</td>
</tr>
<tr>
<td>John Provis</td>
<td>RILEM</td>
</tr>
<tr>
<td></td>
<td>Other?</td>
</tr>
</tbody>
</table>

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
- An innovative approach for formulating ASR resistant mixtures – A. Mukhopadhyay and K.-W. Liu
- Aggregate optimization or SCC - K. Sobolev
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
## SP and Technical Session Deadlines

| Convention Theme | Philadelphia, PA  
| Fall 2016  
| October 23-27, 2016  
| | Detroit, MI  
| Spring 2017  
| March 26-30, 2017  
| | Anaheim, CA  
| Fall 2017  
| October 15-15, 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 |
| Preliminary Session Request | November 13, 2015  
| April 22, 2016  
| October 28, 2016  
| May 1, 2017  
| October 20, 2017  
| Please contact staff if the deadlines cannot be met |
| Call for Papers in Concrete International requested | June 24, 2015  
| December 28, 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 28, 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 29, 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, 2015  
| 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, 2015  
| April 28, 2016  
| October 15, 2016  
| April 24, 2017  
| October 13, 2017  
| April 23, 2018  
| 2 Years after the Session at the latest |
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](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
- 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
- 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](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.

Websites listing additional relevant conferences:

[http://www.concrete.org/Events/EventsCalendar.aspx](http://www.concrete.org/Events/EventsCalendar.aspx)