

**ACI Committee 209 – CREEP AND SHRINKAGE IN CONCRETE
ACI FALL 2018 CONVENTION**

Las Vegas, NV

Monday, 10/15/2018

10:00 AM-1:00 PM

Meeting Room: Amazon B

AGENDA

1. MINI SESSION: Symposium on Fracture Mechanics, Size Effect, and Aging Phenomena of Concrete Structures Celebrating Professor Bažant's 80th Birthday, Part 2 of 4.
 - 10:00 am: Tertiary Creep of Concrete in Tension and Compression, Roman Wan-Wendner (speaker), BOKU Vienna; Giovanni Di Luzio, Politecnico di Milano; Jan Vorel, Czech Technical University in Prague; Marco Marcon, BOKU Vienna; and Ioannis Boumakis, BOKU Vienna
 - 10:20 am: Investigation of Fracture Based on Sequentially Linear Analysis, Jan Vorel (speaker), Czech Technical University in Prague; Roman Wan-Wendner, BOKU Vienna; and Lisa-Marie Czernuschka, BOKU Vienna
 - 10:40 am: On Power-Law Tail of Strength Distribution of Quasi Brittle Structures Jia-Liang Le (speaker), University of Minnesota; and Zhifeng Xu, University of Minnesota
 - 11:00 am: Numerical simulation of concrete 3D printing, Gianluca Cusatis (speaker), Northwestern University, Elham Ramyar, Northwestern University Daniele Pelessone, ES3, and Xinwei Zhou, ES3.
2. Call to Order (Gianluca Cusatis)
3. Welcome and Introduction of Members (Gianluca Cusatis)
4. Announcements
 - Changes in membership (Hedegaard)
 - Review of participation (Hedegaard)
5. Review and Approval of Minutes from the Spring 2018 meeting in Salt Lake City, Utah
6. Status of reports and sub-committee activities
 - ACI 209.1R-05 "Report on Factors Affecting Shrinkage and Creep of Hardened Concrete". (Pichler, 209-B)
 - ACI 209.2R-08 "Guide for Modeling and Calculating Shrinkage and Creep in Hardened Concrete" (D'Ambrosia, 209-0C)
 - ACI 209.4R-XX "Test Methods for Creep and Shrinkage" (Nassif, 209E)
 - ACI 209.5R-XX "Rate type Models for the Analysis of Creep and Shrinkage" (Wan-Wendner, 209-D)
 - ACI 209.3R-XX. "Analysis of Creep and Shrinkage Effects in Concrete Structures" (Ranzi)
7. New Business
8. Adjournment