

Sessions & Special Events Listing – ACI Virtual Concrete Convention – October 17-21, 2021

Sunday, October 17, 2021

- 9:00 AM - 10:15 AM [Opening Session and Keynote Presentation](#)
- 10:00 AM - 12:00 PM [Concrete with Recycled Materials, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [Durability, Service Life, and Long-Term Integrity of Concrete Materials, Bridges, and Structures, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [Seismic Repair/Retrofit/Strengthening of Bridges at the Element or System Level, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [UHPC – Hot Topics, Part 1 of 3](#)
- 12:00 PM - 1:00 PM [International Lunch and Learn](#)
- 1:00 PM - 3:00 PM [Eco Concrete Competition Presentation Day](#)
- 1:00 PM - 3:00 PM [Concrete Through The Ages](#)
- 1:00 PM - 3:00 PM [Concrete with Recycled Materials, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [Seismic Repair/Retrofit/Strengthening of Bridges at the Element or System Level, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [UHPC – Hot Topics, Part 2 of 3](#)
- 2:00 PM - 3:00 PM [MINI SESSION: Shotcrete: A Very Challenging High-Strength Concrete](#)
- 4:00 PM - 6:00 PM [Carbon Neutral - How Do We Get There?](#)
- 4:00 PM - 6:00 PM [Durability, Service Life, and Long-Term Integrity of Concrete Materials, Bridges, and Structures, Part 2 of 2](#)
- 4:00 PM - 6:00 PM [Graphene-Based Admixtures in Concrete](#)
- 4:00 PM - 6:00 PM [International Session](#)

Monday, October 18, 2021

- 10:00 AM - 12:00 PM [Advancing Concrete Durability, A Special Session Honoring Michael Thomas, Part 1 of 2](#)
- 10:00 AM - 11:00 AM [MINI SESSION: Concrete Column Design and Considerations: Back to the Basics](#)
- 10:00 AM - 12:00 PM [Research in Progress, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [UHPC – Hot Topics, Part 3 of 3](#)
- 10:00 AM - 12:00 PM [What I Wish I Knew: Work Life Balance](#)
- 12:00 PM - 1:00 PM [Student Lunch and Learn](#)
- 1:00 PM - 3:00 PM [ACI 123 Student Poster Session, Part 1 of 2](#)
- 1:00 PM - 3:00 PM [Live Load Distribution on Concrete Bridges: Design, Evaluation, Construction, Innovation, Part 1 of 2](#)
- 1:00 PM - 3:00 PM [Research in Progress, Part 2 of 2](#)
- 3:30 PM - 4:30 PM [MINI SESSION: Advances in Early-Age Testing for Long-Term Performance of Concrete](#)
- 4:00 PM - 6:00 PM [Advancing Concrete Durability: A Special Session Honoring Michael Thomas, Part 2 of 2](#)
- 4:00 PM - 6:00 PM [Live Load Distribution on Concrete Bridges: Design, Evaluation, Construction, Innovation, Part 2 of 2](#)
- 4:00 PM - 6:00 PM [Shrinkage-Compensating Concrete Design and Research in Memory of Edward K. Rice](#)
- 6:00 PM - 7:30 PM [ACI Excellence in Concrete Construction Awards and Gala](#)

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Tuesday, October 19, 2021

- 10:00 AM - 12:00 PM [Architects' Day Session, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [Calcined Natural Pozzolans, Including Calcined Clays, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [Effective Use of the Strut-and-Tie Method per ACI 318-19, Part 1 of 2](#)
- 10:00 AM - 12:00 PM [Introducing New TechNotes](#)
- 11:00 AM - 12:00 PM [MINI SESSION: Introduction of ACI 444.2 Report](#)
- 12:00 PM - 1:00 PM [ACI Student Forum](#)
- 12:00 PM - 1:00 PM [MINI SESSION: Report on Construction of Houses with ICF Walls Versus Wood Frame Walls](#)
- 12:00 PM - 1:00 PM [Architects' Day Lunch and Learn](#)
- 1:00 PM - 3:00 PM [Calcined Natural Pozzolans, Including Calcined Clays, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [Effective Use of the Strut-and-Tie Method per ACI 318-19, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [Excellence Awards - Project Presentations](#)
- 3:00 PM - 4:00 PM [MINI SESSION: Innovative Material Sources for Concrete Pavements](#)
- 4:00 PM - 6:00 PM [Architects' Day Session, Part 2 of 2](#)
- 4:00 PM - 6:00 PM [Hot Topic Session: COVID-19 Concrete Construction: Dog and Cats Living Together... Mass Hysteria!](#)
- 4:00 PM - 6:00 PM [Open Topic Session, Part 1 of 2](#)
- 4:00 PM - 6:00 PM [Recent Advances in the Behavior of Reinforced Concrete Columns: A Session Honoring the Memory of Dr. Asad Esmaily](#)
- 4:00 PM - 6:00 PM [Research Development and Applications of FRP Reinforcements, Part 1 of 4](#)
- 6:00 PM - 7:00 PM [MINI SESSION: Constructability: Hot Topics, Recent Developments, and Case Studies](#)

Sessions & Special Events Listing – ACI Virtual Concrete Convention – October 17-21, 2021

Wednesday, October 20, 2021

- 10:00 AM - 12:00 PM [Computer Simulations and Analytical Methods for Concrete 3-D Printing](#)
- 10:00 AM - 12:00 PM [Open Topic Session, Part 2 of 2](#)
- 10:00 AM - 12:00 PM [Research Development and Applications of FRP Reinforcements, Part 2 of 4](#)
- 10:00 AM - 12:00 PM [Spectoberfest! ACI 301-20 Specifications for Concrete Construction Highlights, Part 1 of 2](#)
- 1:00 PM - 3:00 PM [Fiber-Reinforced Concrete for Optimized and Sustainable Construction](#)
- 1:00 PM - 3:00 PM [Research Development and Applications of FRP Reinforcements, Part 3 of 4](#)
- 1:00 PM - 3:00 PM [Spectoberfest! ACI 301-20 Specifications for Concrete Construction Highlights, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [Workability Retention and Extension: Keeping Your Concrete Alive](#)
- 4:00 PM - 6:00 PM [Applications of Alternative Cements](#)
- 4:00 PM - 6:00 PM [Paper Awards-Published in 2020](#)
- 4:00 PM - 6:00 PM [Research Development and Applications of FRP Reinforcements, Part 4 of 4](#)
- 4:00 PM - 6:00 PM [Sustainability Considerations for Concrete Pavements](#)
- 5:00 PM - 6:00 PM [President's Reception](#)

Thursday, October 21, 2021

- 10:00 AM - 12:00 PM [Adapting and Reuse of Concrete Structures](#)
- 10:00 AM - 12:00 PM [Concrete Design and Construction for LNG and other RLG Containment Structures](#)
- 10:00 AM - 12:00 PM [Formwork Systems: Design and Construction](#)
- 10:00 AM - 12:00 PM [Major Opportunities for Concrete Structures to Support Large Wind Turbines](#)
- 1:00 PM - 3:00 PM [ACI 123 Student Poster Session, Part 2 of 2](#)
- 1:00 PM - 3:00 PM [Practical Implementation of Self-Consolidating Concrete](#)