



**Concrete Conference**  
Codes, Standards &  
Best Practices

Riyadh, Saudi Arabia  
28-29 November 2023

# AGENDA

TIME	DAY 1—NOVEMBER 28, 2023
8:30 AM – 9:00 AM	Registration
9:00 AM – 9:30 AM	<p><b>OPENING CEREMONY</b> Conference MC: <b>Ali Alqarni</b>, PhD, ACI member King Saud University</p> <p><b>WELCOME ADDRESS</b> <b>Dr. Ahmad S. Al-Gahtani</b> Board Chairman, Concrete and Construction Association</p> <p><b>Abdulnasser Saif Al-Abdullatef</b>, Eng. Secretary-General, Saudi Council of Engineers (SCE)</p> <p><b>His Excellency Dr. Saad bin Othman Alkasabi</b> Governor, Saudi Standards, Metrology and Quality Organization (SASO); and Chairman, Saudi Building Code National Committee (SBCNC)</p>
9:30 AM – 10:00 AM	<p><b>Keynote Speaker</b> <b>ACI INTERNATIONAL UPDATE: NEW INITIATIVES FOR ADVANCING THE CONCRETE INDUSTRY</b> <b>Antonio Nanni</b>, ACI 100th President; and Inaugural Senior Scholar, Professor, and Chair, Department of Civil and Architectural Engineering, University of Miami</p>
10:00 AM – 10:30 AM	Coffee Break and Networking
<b>CONCRETE STRUCTURES CODES &amp; STANDARDS—DESIGN AND REPAIR</b>	
10:30 AM – 11:10 AM	<p><b>ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY: HISTORY &amp; FUTURE</b> <b>Cary Kopczynski</b>, PE, SE, FACI, FPTI, CEO and Senior Principal of Cary Kopczynski &amp; Company (CKC), ACI Past President</p>
11:10 AM – 11:45 AM	<p><b>WHY DO WE NEED A REPAIR CODE? ACI 562</b> <b>Khaled Nahlawi</b>, PhD, PE, Distinguished Engineer, ACI</p>
11:45 AM – 12:15 PM	<p><b>THE SAUDI BUILDING CODE: A JOURNEY THROUGH HISTORY, PRESENT, AND FUTURE PERSPECTIVES</b> <b>Ahmed Shuraim</b>, PhD, ACI member, Chair, Structural Technical Committee, SBCNC</p>
12:15 PM – 12:30 PM	<p><b>DO WE HAVE AN ARABIC VERSION OF ACI 318?</b> <b>Dr. Ali Attiyah</b>, PhD, ACI member, Faculty of Engineering, University of Kufa; and ACI Iraq Chapter</p>
12:30 PM – 1:30 PM	Lunch and Pray

1:30 PM – 2:00 PM	<b>HOW TO PERFORM SEISMIC EVALUATION AND RETROFIT OF EXISTING CONCRETE BUILDINGS WITH ACI CODE-369.1-22</b> Khaled Nahlawi, PhD, PE, Distinguished Engineer, ACI
2:00 PM – 2:30 PM	<b>WHY 350 AND NOT 318 FOR ENVIRONMENTAL STRUCTURES</b> Dr. Ali Attiyah, PhD, ACI member, Faculty of Engineering, University of Kufa; and ACI Iraq Chapter
<b>2:30 PM – 3:00 PM</b>	<b>Coffee Break and Networking</b>
3:00 PM – 3:20 PM	<b>INTRODUCTION TO PRO: AN ACI CENTER OF EXCELLENCE FOR ADVANCING PRODUCTIVITY</b> Cary Kopczynski, PE, SE, FACI, FPTI, CEO and Senior Principal of Cary Kopczynski & Company (CKC), ACI Past President
3:20 PM – 4:20 PM	<b>PANEL DISCUSSION: WHAT'S HOLDING BACK PRODUCTIVITY?</b> The panel discussion will focus on productivity struggles and achievements that can help engineers, contractors, owners, and material suppliers recognize and implement strategies that allow concrete construction to overcome years of stagnation in productivity.  Moderator: <b>Mike Tholen</b> , PhD, PE, Senior Managing Director, Technical Operations, ACI  Panelists: <b>Charles Malek</b> , Director of Structural Design, Dar Al-Handasah (Shair and Partners) <b>Wael Darkazanli</b> , COO, Atheel Contracting Company, and Faisal bin Saedan for Investment and Real Estate Development Group <b>Abdulrahman Almunabhi</b> , PhD, PE, Director of Codes and Standards (A), NEOM <b>Chris Leptokaridis</b> , Technical & Strategy Director, Saudi Readymix <b>Mansour Faried</b> , Chief Engineer, CSCEC Middle East <b>Rami Yaghi</b> , Deputy Regional Manager – Eastern Province, ACES KSA

<b>TIME</b>	<b>DAY 2—NOVEMBER 29, 2023</b>
8:30 AM – 9:00 AM	Registration
<b>SUSTAINABILITY, INNOVATION &amp; CONCRETE BEST PRACTICES</b>	
9:00 AM – 9:30 AM	<b>HIGHLIGHTS OF ACI CODE-440.11-22: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE REINFORCED WITH GLASS FIBER-REINFORCED POLYMER (GFRP) BARS—CODE AND COMMENTARY</b> Antonio Nanni, ACI 100th President; and Inaugural Senior Scholar, Professor, and Chair, Department of Civil and Architectural Engineering, University of Miami
9:30 AM – 10:00 AM	<b>SUSTAINABLE CONSTRUCTION MATERIALS</b> Mohammed Al Mehthel, Principal Professional, Saudi Aramco
10:00 AM – 10:30 AM	<b>FIBER-REINFORCED POLYMER MATERIALS FOR CONCRETE INFRASTRUCTURES</b> Muhammad K. Rahman, PhD, ACI member, Vice President, ACI Saudi Arabian Chapter Eastern Province; and Research Engineer (Associate Professor), King Fahd University of Petroleum & Minerals (KFUPM)
<b>10:30 AM – 11:00 AM</b>	<b>Coffee Break and Networking</b>
11:00 AM – 11:30 AM	<b>ACI 130R-19: REPORT ON THE ROLE OF MATERIALS IN SUSTAINABLE CONCRETE CONSTRUCTION</b> Khaled Awad, Chairman and Founder, Advanced Construction Technology Services (ACTS); and ACI Past President

11:30 AM – 12:00 PM	<b>MAPEI RE-CON LINE: PRODUCTS AND SOLUTIONS FOR INCREASED MATERIAL CIRCULARITY IN READY-MIX CONCRETE PRODUCTION</b> Sven-Henrik Norman, Corporate Product Manager, Mapei
12:00 PM – 12:30 PM	<b>STANDARDIZATION FOR CONCRETE WORK</b> Tarek Emara, MSc, ICIOB, ACI UAE Chapter, QA/QC Director, CSCEC Middle East
<b>12:30 PM – 1:30 PM</b>	<b>Lunch and Pray</b>
1:30 PM – 2:00 PM	<b>AN OVERVIEW OF NEU: AN ACI CENTER OF EXCELLENCE FOR CARBON NEUTRAL CONCRETE AND ITS VALIDATION PROGRAM</b> Dean Frank, PE, Executive Director, NEU: An ACI Center of Excellence for Carbon Neutral Concrete
2:00 PM – 2:30 PM	<b>CRYSTALLINE WATERPROOFING PROTECTION TECHNIQUE USED IN LATIN AMERICA LONGEST BRAZIL-PARAGUAY INTEGRATION BRIDGE</b> Emilio Takagi, Technical Director, Penetron International
2:30 PM – 3:00 PM	<b>ADDITIVE CONSTRUCTION: LATEST SECTOR DEVELOPMENTS AND STANDARD INITIATIVES – ASTM INTERNATIONAL</b> Stephan Mansour, BSc, ECKM, Associate Consultant, ASTM International
3:00 PM – 3:15 PM	<b>CLOSING REMARKS</b>