### AGENDA

**TIME** | **DAY 1—NOVEMBER 28, 2023**
---|---
8:30 AM – 9:00 AM | Registration
9:00 AM – 9:30 AM | **OPENING CEREMONY**
  - Conference MC: **Ali Alqarni**, PhD, ACI member
  - King Saud University
  **WELCOME ADDRESS**
  - **Dr. Ahmad S. Al-Gahtani**
    - Board Chairman, Concrete and Construction Association
  - **Abdulnasser Saif Al-Abdullatef**, Eng.
    - Secretary-General, Saudi Council of Engineers (SCE)
  - **Dr. Oday Al Buhamad**
    - Director of Standards and Metrology, GCC Standardization Organization (GSO)
  - **His Excellency Dr. Saad bin Othman Alkasabi**
    - Governor, Saudi Standards, Metrology and Quality Organization (SASO); and Chairman, Saudi Building Code National Committee (SBCNC)
9:30 AM – 10:00 AM | Keynote Speaker
  **ACI INTERNATIONAL UPDATE: NEW INITIATIVES FOR ADVANCING THE CONCRETE INDUSTRY**
  - **Antonio Nanni**, ACI 100th President; and Inaugural Senior Scholar, Professor, and Chair, Department of Civil and Architectural Engineering, University of Miami
10:00 AM – 10:30 AM | Coffee Break and Networking
10:00 AM – 10:30 AM | **CONCRETE STRUCTURES CODES & STANDARDS—DESIGN AND REPAIR**
10:30 AM – 11:10 AM | **ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY: HISTORY & FUTURE**
  - **Andrew Taylor**, PhD, SE, FACI, Technical Director, KPFF Consulting Engineers; and Chair, ACI Committee 318
11:10 AM – 11:45 AM | **WHY DO WE NEED A REPAIR CODE? ACI 562**
  - **Khaled Nahlawi**, PhD, PE, Distinguished Engineer, ACI
11:45 AM – 12:15 PM | **SAUDI BUILDING CODE**
  - **Ahmed Shuraim**, PhD, ACI member, Chair, Structural Technical Committee, Saudi Building Code National Committee
12:15 PM – 12:30 PM | **DO WE HAVE AN ARABIC VERSION OF ACI 318?**
  - **Dr. Ali Attiyah**, PhD, ACI member, Faculty of Engineering, University of Kufa; and ACI Iraq Chapter
12:30 PM – 1:30 PM | Lunch and Pray
<table>
<thead>
<tr>
<th>TIME</th>
<th>DAY 1—NOVEMBER 28, 2023</th>
</tr>
</thead>
</table>
| 1:30 PM – 2:00 PM | **HOW TO PERFORM SEISMIC EVALUATION AND RETROFIT OF EXISTING CONCRETE BUILDINGS WITH ACI CODE-369.1-22**  
Andrew Taylor, PhD, SE, FACI, Technical Director, KPFF Consulting Engineers; and Chair, ACI Committee 318 |
| 2:00 PM – 2:30 PM | **WHY 350 AND NOT 318 FOR ENVIRONMENTAL STRUCTURES**  
Dr. Ali Attiyah, PhD, ACI member, Faculty of Engineering, University of Kufa; and ACI Iraq Chapter |
| 2:30 PM – 2:45 PM | **ACI CERTIFICATION IN CONCRETE CODES & STANDARDS**  
John Nehasil, Senior Managing Director, Certification and Chapters, ACI |
| 2:45 PM – 3:15 PM | Coffee Break and Networking                                                             |
| 3:15 PM – 3:30 PM | **INTRODUCTION TO PRO: AN ACI CENTER OF EXCELLENCE FOR ADVANCING PRODUCTIVITY**  
Mike Tholen, PhD, PE, Senior Managing Director, Technical Operations, ACI |
| 3:30 PM – 4:30 PM | **PANEL DISCUSSION: WHAT’S HOLDING BACK PRODUCTIVITY?**  
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:** Mike Tholen, PhD, PE, Senior Managing Director, Technical Operations, ACI  
**Panelists:**  
Charles Malek, Director of Structural Design, Dar Al-Handasah (Shair and Partners)  
Wael Darkazanli, Continuous Improvement Manager, Parsons Corporation  
Abdulrahman Almunabhi, PhD, PE, Director of Codes and Standards (A), NEOM  
Chris Leptokaridis, Technical & Strategy Director, Saudi Readymix  
Mansour Faried, Chief Engineer, CSCEC Middle East  
Rami Yaghi, Deputy Regional Manager – Eastern Province, ACES KSA |

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<table>
<thead>
<tr>
<th>TIME</th>
<th>DAY 2—NOVEMBER 29, 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM – 9:00 AM</td>
<td>Registration</td>
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| 9:00 AM – 9:30 AM | **HIGHLIGHTS OF ACI CODE-440.11-22: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE REINFORCED WITH GLASS FIBER-REINFORCED POLYMER (GFRP) BARS—CODE AND COMMENTARY**  
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 | **ARAMCO PRESENTATION/CASE STUDIES FROM SAUDI ARABIA**  
Mohammed Al Mehtni, Principal Professional, Saudi Aramco |
| 10:00 AM – 10:30 AM | **FIBER-REINFORCED POLYMER MATERIALS FOR CONCRETE INFRASTRUCTURES**  
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) |
<p>| 10:30 AM – 11:00 AM | Coffee Break and Networking                                                             |</p>
<table>
<thead>
<tr>
<th>Time</th>
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<th>Speaker/Presenter Information</th>
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<tbody>
<tr>
<td>11:00 AM – 11:30 AM</td>
<td><strong>ACI 130R-19: REPORT ON THE ROLE OF MATERIALS IN SUSTAINABLE CONCRETE CONSTRUCTION</strong></td>
<td>Khalid Awad, Chairman and Founder, ACTS; and ACI Past President</td>
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<td>11:30 AM – 12:00 PM</td>
<td><strong>MAPEI RE-CON LINE: PRODUCTS AND SOLUTIONS FOR INCREASED MATERIAL CIRCULARITY IN READY-MIX CONCRETE PRODUCTION</strong></td>
<td>Sven-Henrik Norman, Corporate Product Manager, Mapei</td>
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<td>12:00 PM – 12:30 PM</td>
<td><strong>STANDARDIZATION FOR CONCRETE WORK</strong></td>
<td>Tarek Emara, MSc, ICIOB, ACI UAE Chapter, QA/QC Director, CSCEC Middle East</td>
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<td>12:30 PM – 1:30 PM</td>
<td><strong>Lunch and Pray</strong></td>
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<td>1:30 PM – 2:00 PM</td>
<td><strong>AN OVERVIEW OF NEU: AN ACI CENTER OF EXCELLENCE FOR CARBON NEUTRAL CONCRETE AND ITS VALIDATION PROGRAM</strong></td>
<td>Dean Frank, PE, Executive Director, NEU: An ACI Center of Excellence for Carbon Neutral Concrete</td>
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<td>2:00 PM – 2:30 PM</td>
<td><strong>CRYSTALLINE WATERPROOFING PROTECTION TECHNIQUE USED IN LATIN AMERICA LONGEST BRAZIL-PARAGUAY INTEGRATION BRIDGE</strong></td>
<td>Emilio Takagi, Technical Director, Penetron International</td>
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<td>2:30 PM – 3:00 PM</td>
<td><strong>ADDITIVE CONSTRUCTION: LATEST SECTOR DEVELOPMENTS AND STANDARD INITIATIVES — ASTM INTERNATIONAL</strong></td>
<td>Stephan Mansour, BSc, ECKM, Associate Consultant, ASTM International</td>
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<td>3:00 PM – 3:15 PM</td>
<td><strong>CLOSING REMARKS</strong></td>
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