

**ACI INTERMOUNTAIN CHAPTER CONCRETE SPRING SYMPOSIUM
APRIL 7, 2016**

"ACI 318-14 Format Overview"

Matthew R. Senecal, PE, Senior Engineer, American Concrete Institute, Farmington Hills, MI
ACI 318-14: Building Code Requirements for Structural Concrete and Commentary

"ACI 318-14 Materials Based-Prescription to Performance"

Karthik Obla, PhD, PE, FACI, Vice President, Technical Services, NRMCA, Silver Springs, MD
ACI 318-14: Building Code Requirements for Structural Concrete and Commentary

"Concrete in Construction-Vapor Transmission Rates"

Kim D. Basham, PhD, PE, FACI, Engineer and President, KB Engineering, Cheyenne, WY
ACI 318-14: Building Code Requirements for Structural Concrete and Commentary
ACI 302.2R-06: Guide for Concrete Slabs that Receive Moisture-Sensitive Flooring Materials
ACI 302.1R-15 Guide to Concrete Floor and Slab Construction
ACI 308.1-11 Specification for Curing Concrete
ACI 308R-01: Guide to Curing Concrete (Reapproved 2008)

"Bridge Decks-Sustainability & Modeling"

Dale P. Bentz, chemE, Materials and Structural Systems Division, National Institute of Standards and Technology, Gaithersburg, MD
ACI 318-14: Building Code Requirements for Structural Concrete and Commentary
ACI 211.7R-15 Guide for Proportioning Concrete Mixtures with Ground Limestone and Other Mineral Fillers
ACI (308-213)R-13 Report on Internally Cured Concrete Using Prewetted Absorptive Lightweight Aggregate
ACI 231R-10 Report on Early-Age Cracking: Causes, Measurement, and Mitigation
ACI 232.3R-14 Report on High-Volume Fly Ash Concrete for Structural Applications and ASTM standards
ASTM C1698-09(2014) Standard Test Method for Autogenous Strain of Cement Paste and Mortar
ASTM C1761/C1761M-15 Standard Specification for Lightweight Aggregate for Internal Curing of Concrete
ASTM C1581/C1581M-09a Standard Test Method for Determining Age at Cracking and Induced Tensile Stress Characteristics of Mortar and Concrete under Restrained Shrinkage

"Concrete Technology-Fiber and Concrete in Structures"

Amir Bonakdar, PhD, PE, Engineering Manager - Fiber Reinforced Concrete, Euclid Chemical, Cleveland, OH
ACI 318-14: Building Code Requirements for Structural Concrete and Commentary
ACI 544.6R-15 Report on Design and Construction of Steel Fiber-Reinforced Concrete Elevated Slabs
ACI 544.3R-08: Guide for Specifying, Proportioning, and Production of Fiber-Reinforced Concrete
ACI 544.4R-88: Design Considerations for Steel Fiber Reinforced Concrete (Reapproved 2009)