

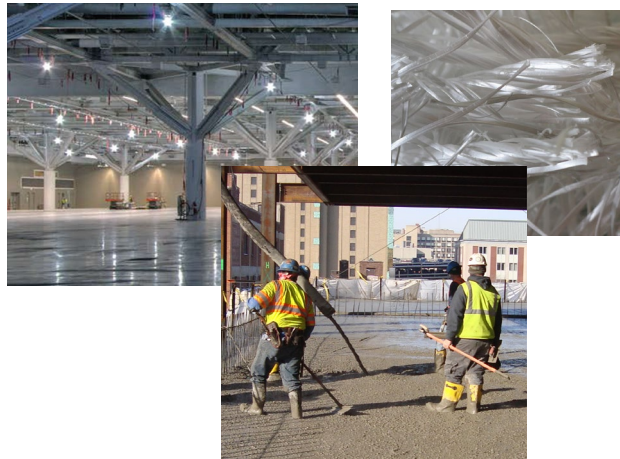


Thursday, April 18, 2019

Harry's Steakhouse  
 5564 Brecksville Rd (Independence)  
 5:00 p.m. Board Meeting  
 6:00 p.m. Registration  
 6:30 p.m. Buffet Dinner/ 2 Drink Tickets  
 7:00 p.m. Presentation / Q&A

## An Update on Fiber Reinforcement for Concrete Design

**Presentation details:** The use of Fiber Reinforced Concrete continues to evolve and become more common place in everyday concrete construction. Learn how the new ACI 544.4R document can help ready-mix producers, engineers and contractors by providing a roadmap to designing FRC for many applications including floors, precast, shotcrete and paving applications. An update will also be provided on other CODE approvals such as UL fire classification for composite deck designs, various DOT initiatives for paving with FRC and the improvements in ASTM and other test methods to verify correct fiber selection and quantities in concrete.



The ACI NE Ohio Chapter invites you to join us on **April 18, 2019** in welcoming Mr. Michael Mahoney.

Mr. Mahoney is a Professional Engineer and the Director of Marketing and Technology, Fiber Reinforced Concrete for the Euclid Chemical Company in Cleveland, Ohio. Mr. Mahoney is a Fellow and member of the American Concrete Institute and serves on committees for the National Pre-Cast Concrete Association and American Society for Testing and Materials. He previously served as chairman for ACI subcommittee 544A on the Production and Applications of Fiber Reinforced Concrete and is also a board member and past president of the Fiber Reinforced Concrete Association. In 1997, he obtained his Master's degree in Civil Engineering from the Technical University of Nova Scotia, Halifax, Nova Scotia, Canada where he helped to develop and patent an innovative synthetic fiber for concrete reinforcement. He has also been involved with pervious concrete projects, structural health monitoring of bridges using non-destructive testing methods and has performed material characterization and testing of concrete and shotcrete mixtures. Mr. Mahoney has co-authored several papers on the subjects of FRC, shotcrete, carbon footprint of fiber materials and innovative bridge systems and currently directs research and marketing projects while educating engineers and contractors on the use of FRC. He currently resides in Painesville, OH with his wife and two children.

There will be 1.0 Continuing Professional Development hour (CPD) offered for this presentation.

**The cost includes 2 drink tickets (beer/wine), buffet dinner and presentation.**

Chapter Members: \$35.00 / Non-Members: \$40.00 / Students: \$15.00

RSVP to Brooke Hayden, Chapter Secretary, **by Monday, April 15<sup>th</sup>, 2019** to: [secretary@neohioaci.org](mailto:secretary@neohioaci.org). Please note that once reservations have been made, if they are not cancelled within 48 hours of the presentation, you will be invoiced to cover the cost(s) incurred by the chapter.

**Payment Option:** We accept online payments! If this is your preferred method of payment, please go to <https://squareup.com/market/aci-northeast-ohio-chapter>. If paying via check, please make checks payable to Northeast Ohio Chapter of ACI, Inc. Payment is due upon registration.

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