
Tuesday, October 21, 6:00 pm
2311 Newmark Civil Engineering Lab

Adventures from the Field:
The Pros and Cons of Conducting Experiments on Site

Presented by Professor David A. Lange

Over the twenty-two years as a professor at the University of Illinois, Dr. Lange has conducted numerous studies involving concrete that has included field investigations, laboratory experiments, analysis, and modelling. In this presentation, he will focus on his experiences testing materials and structures in outdoor settings. While there is considerable knowledge that can be gained by examining concrete applications under true environmental and usage conditions, there are challenges associated with doing so. Dr. Lange will comment on the successes and difficulties with in-field testing by presenting several case studies: IDOT bridges; railroads in Colorado; self-consolidating concrete (SCC) in Peoria, IL; railroad cross-ties in Canada; among others.



David A. Lange is Professor and Narbey Khachaturian Scholar in the Department of Civil and Environmental Engineering at the University of Illinois. He earned a B.S. (Valparaiso University 1981) in civil engineering, MBA (Wichita State University 1984), and Ph.D. (Northwestern University 1991) in civil engineering. Dr. Lange is a fellow of the American Concrete Institute where he has been involved as chair of the ACI Technical Activities Committee and director on the ACI Board of Direction.

Anyone interested in concrete is invited! We will provide pizza and beverages before the meeting. See you there!
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