



Guest Speaker

Kenneth Hover



There is More to Concrete Than Meets the Eye

**10-11 a.m.
Friday, April 25, 2014**

**317 Butler-Carlton
Civil Engineering Hall**

Plain, reinforced, and prestressed concrete are “multi-scale” composite materials with key internal binding elements characterized at the micro- and nano-level. These chemical and mechanical bonds enable construction of large structures and networks with dimensions stretching to Mega-meters. In between is the human-scale, over which most of us comprehend materials and structures on the basis of what we can see with our eyes. But, when we go beyond the eye in resolving power, and above and below the frequencies of visible light we can expand the database from which we understand concrete, and find bases for many practical applications.

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