Engineering Ethics and Engineering Education
by Dr. Michael C. Loui
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Purdue University

Time: 11:30 AM - 12:50 PM, Tuesday, April 4, 2017
Location: Student Center Ballroom D

Lunch will be provided.
RSVP by March 27: http://ethics.mines.edu/loui-lecture

In engineering, concerns about ethics have evolved since the early 1900s. At its core, engineering ethics has focused on the professional responsibilities of individual engineers. Like other accredited programs that lead to professional degrees, all engineering programs have incorporated some instruction in ethics, though practices vary greatly among institutions. In this talk, I will describe a selection of key events in the history of engineering ethics in the United States, contemporary practices in the teaching of engineering ethics, and recent research on engineering ethics education.

Michael C. Loui is the Dale and Suzi Gallagher Professor of Engineering Education at Purdue University. He was previously Professor of Electrical and Computer Engineering and University Distinguished Teacher-Scholar at the University of Illinois at Urbana-Champaign. He serves as Editor of Journal of Engineering Education, as a member of the editorial boards of College Teaching and Accountability in Research, and as a member of the Joint Advisory Group for the Online Ethics Center at the National Academy of Engineering. In 2006, he was elected Fellow of the IEEE for leadership in the teaching of engineering ethics. In 2003, he was named a Carnegie Scholar by the Carnegie Foundation for the Advancement of Teaching. Professor Loui was Associate Dean of the Graduate College at Illinois from 1996 to 2000. He directed the theory of computing program at the National Science Foundation from 1990 to 1991. He earned his Ph.D. at M.I.T. in 1980.