

**Title:** Why good simulations go bad

**Speaker:** Barry Nelson

**Abstract:** Simulation is a powerful tool to design, evaluate and improve the kinds of systems and processes industrial engineers, management scientists and operations researchers care about. The software, and knowledge about how to use it, are widespread. But simulation frequently involves a large commitment of time, effort and money, and we often do not get everything we paid for, and that what we do not get may be hidden. This talk describes four common ways that good simulations can go bad and how to avoid them.