

Math & Stats Colloquium

Thursday, April 23

1 – 2 pm COE 796

Hosted by:

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Prof. Michael Malisoff

Louisiana State University

Systems and Control: An Introduction and A Marine Robotics Application

This talk will review the basic ideas of systems and controls. The ideas will be illustrated in the special case of curve tracking in the plane. It will also briefly explain how the speaker used curve tracking controls for field work at the Louisiana coast, to help control marine robots that studied pollution from the Deepwater Horizon oil spill disaster. The talk will be suitable for graduate students. It is based on the speaker's joint work with Fumin Zhang's research group in the Georgia Tech School of Electrical and Computer Engineering.