

# THE ROPELENGTHS OF PHYSICAL KNOTS

YUANAN DIAO

An overview of the knot ropelength problem will be given in this talk. Topics will cover the global minimum ropelength of nontrivial knots, general lower and upper ropelength bounds for knots and links, and ropelength bounds for some knot and link classes.

UNIVERSITY OF NORTH CAROLINA, CHARLOTTE