G. Milton Wing
Lecture Series

Ge e a d A al i f High-Di e i al Da a

Wednesday, April 17 · 5–6 p.m.
Hutchison Hall, Hubbell Auditorium

I will introduce several high-dimensional data problems
that arise in a variety of disciplines, from machine learning
and computer vision to computational chemistry and
network analysis. I will then discuss a common mathematical
language and ideas to attack such problems—based on diffusion
geometry, multiscale geometric analysis, and graph theory—that yield practical
efficient algorithbaseeysisc 3(r)- 1 Tf 0.2(a)-2.8(l)5(l16O3b-15.3(n)-1 -2.T0 0 36 5(h)-15.8(e)-1