

# NIEUWLAND

## LECTURE SERIES

# METRIC PROFILES FOR THE GEOMETRIC EXPLORATION OF COMPLEX DATA AND RANDOM OBJECTS



**Hans-Georg Müller, Ph.D.**  
Distinguished Professor of Statistics  
University of California, Davis

OCTOBER 23, 2023 | 3:45 PM | 127 HAYES-HEALY CENTER

Reception at 3:15 p.m. in 101A Crowley Hall

Prof. Müller will discuss metric profiles for random object data situated in metric spaces, and demonstrate how they can be used to define transport ranks for random objects. These include distributional data, compositional data and network data.

Prof. Müller has served as chair of the Department of Statistics and is founding chair of the Graduate Program in Biostatistics at UC Davis. He is an associate editor of various journals, an elected member of ISI, and a fellow of IMS, ASA and the American Association for the Advancement of Science.



APPLIED AND COMPUTATIONAL  
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