

NSF-CBMS CONFERENCE ON TOPOLOGICAL DATA ANALYSIS AND PERSISTENCE THEORY



Lecturer:
Peter Bubenik, PhD
University of Florida, Gainesville, FL

Topics of the lectures:

- Day 1. *Introduction to Homology and Persistent Homology*
- Day 2. *Mathematics of Persistent Homology*
- Day 3. *Statistics and Machine Learning*
- Day 4. *Applications and Software*
- Day 5. *Advanced Topics and Current Research Problems*

VALDOSTA STATE UNIVERSITY, VALDOSTA, GA

AUGUST 8 - 12, 2022

REGISTER BY APRIL 29, 2022

Organizers:

- Shaun V. Ault (svault@valdosta.edu)
- José A. Vélez-Marulanda (javelezmarulanda@valdosta.edu)

For more information, please visit

<https://blog.valdosta.edu/vsu-cbms-conference/>

DEPARTMENT OF MATHEMATICS, VALDOSTA STATE UNIVERSITY



This conference is supported by the National Science Foundation (NSF 19-539 NSF-CBMS – Award Number 2132497).