



Undergraduate Math and Physics Seminar

Case studies in predictive modeling applications in health care

Dr. Vladimir Makarov
Lecturer, CSUCI

Abstract:

Recently, deep learning and artificial intelligence technologies became extremely popular and attracted a lot of attention in biomedical science. We will describe two use cases of deep learning methods, based on recent publications: one, IBM Watson for Oncology, and another, a neural network to diagnose skin cancer. We will also discuss methods that can be used to evaluate such predictive modeling algorithms. This talk is high-level, and is intended for a general audience, not specialists in artificial intelligence.



When: Monday, March 12, 2018, 4:30-5:20 pm

Where: CSUCI, Del Norte 1530