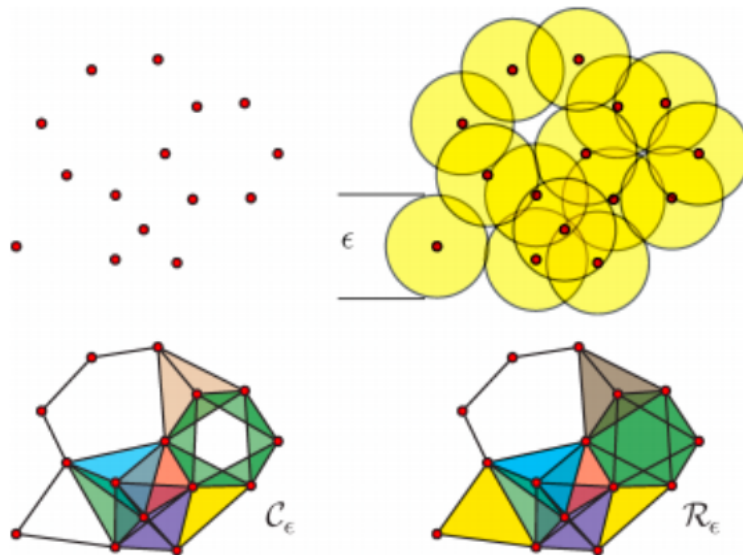


The SUMO Speaker Series for Undergraduates

Thursday, March 3
4:30 – 5:20pm, Bldg. 380, room 384H

(Food Provided)

Topology for Big Data



Professor Gunnar Carlsson

Abstract

We will talk about how methods from topology can be used to extract information from large and (more importantly) complex data. We will talk about ways of creating maps of data sets, as well as extensions of the notion of homology to the context of “point clouds” or finite metric spaces which are what one often obtains in data analysis. There will be many examples.

sumo.stanford.edu/speakers/