Colloquium

Combinatorics of splice graphs

Dustin Cartwright

Yale University

Abstract: A splice graph is a way of modeling the alternative splicings of a gene, which are different ways of forming related proteins from the same genetic building blocks. The characterization of this alternative splicing is a major area of study in contemporary biology. I will talk about some of the combinatorics relevant to splice graphs. Also, I will talk about some of the implications for inferring splice graphs from data.

Monday, October 22, 2012, 4:00 pm

Mathematics and Science Center: W302

Mathematics and Computer Science
Emory University