Discrete Mathematics Seminar

Time: Friday, 24 April 2015, 2:00-3:00 PM
Room: 237 Derrick Hall
Title: A Walkthrough on Associahedron
Speaker: Dr. Suho Oh, Mathematics Department

Abstract:

Three weeks ago, in Dr. Miller's talk, we learned how the associahedron played a role on studying the associativity of H-spaces(Originally due to Stasheff). In this talk, I will go through the basic properties and history of the associahedron. I will also show that the associahedron plays an important role in studying linear extensions of posets, which is a previous joint work with D.Croitoru and A.Postnikov.