SARA FARIDI, Dalhousie University
Monomial resolutions supported by simplicial trees

This talk is about resolutions of monomial ideals. Given a monomial ideal, Bayer, Peeva and Sturmfels provided a criterion for when a simplicial complex labeled by the generators of the ideal would support a free resolution of the ideal, expanding earlier work of Taylor. In this talk we discuss what happens when the supporting simplicial complex is a tree.