Title: Generating the mapping class group of a nonorientable surface

Abstract: The mapping class group of a surface plays an important role in low dimensional topology. Since this group is not abelian, a generating set must contain at least two elements. In orientable case, a generating set consisting of two elements has been known for more than 25 years. In nonorientable case, a generating set consisting of three elements was given more than 15 years ago. In this talk I will show that the mapping class group of a nonorientable surface can be generated by two elements. This is a joint work with M. Pamuk and O. Yildiz.