



# TOPOLOGY SEMINAR

## Involution generators of mapping class groups

By

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**Abstract:** The mapping class group of a surface plays an important role in low dimensional topology. Its various generating sets are known. Since it is not a quotient of a dihedral group, it cannot be generated by two involutions. A generating set consisting of 4-5 involutions has been known for more than 15 years. In this talk I will show how it is generated by 3 involutions.

**Date:** 29 November, 2021

**Time:** 13:30 UTC+3

**Place:** Zoom

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