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# BERN-FRIBOURG GRADUATE SEMINAR

a seminar for Master and PhD students

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Thursday 14<sup>th</sup> April, 2022: 17:15 - 18:00

Room 2.52, Perolles 08, Fribourg

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## Braid Groups in Mapping Class Groups

### **Abstract**

We outline the basics of braid groups, Dehn twists, and mapping class groups, with the goal of proving a version of the Birman-Hilden theorem exhibiting the braid group as a subgroup of the mapping class group of a compact surface.